

Baltimore City HIV/AIDS Epidemiological Profile

Fourth Quarter 2012

Data reported through December 31, 2012



Center for HIV Surveillance, Epidemiology and Evaluation
Infectious Disease Bureau

Prevention and Health Promotion Administration
Maryland Department of Health and Mental Hygiene
<http://phpa.dhmf.maryland.gov/oideor/chse>
1-800-358-9001



Baltimore City HIV Diagnoses during 2009-2011 by Census Tract
of Residence at Diagnosis, as Reported through 12/31/2012

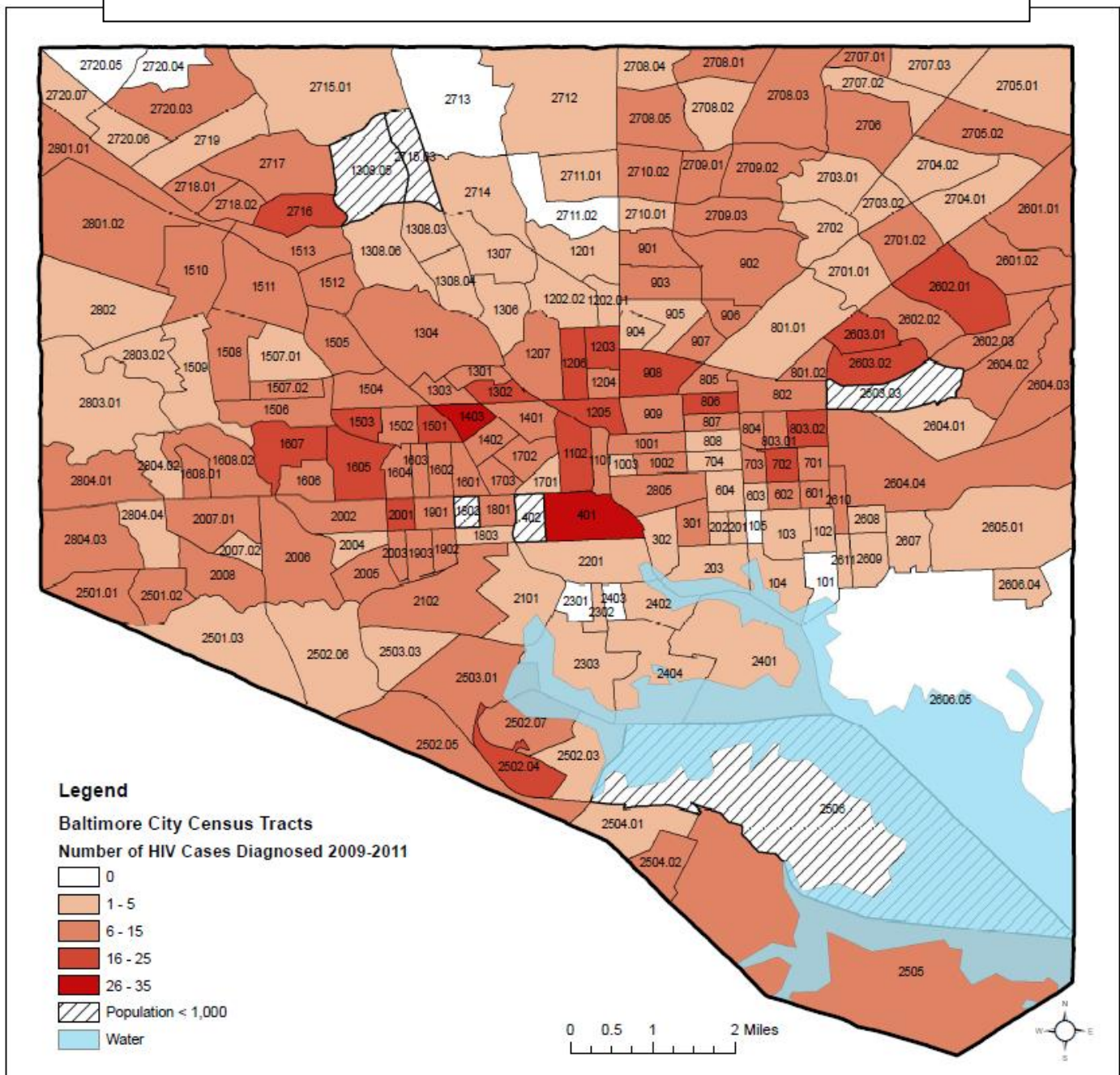


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Section I – Background Information

HIV/AIDS Reporting Requirements

The Maryland HIV/AIDS Reporting Act of 2007 went into effect on April 24, 2007. The law expanded HIV/AIDS reporting and required that HIV cases be reported by name. The following highlights the reporting requirements of Health-General Articles 18-201.1, 18-202.1, and 18-205 of the Annotated Code of Maryland, as specified in COMAR 10.18.02.

- Physicians are required to report patients in their care with diagnoses of HIV or AIDS immediately to the Local Health Department where the physician's office is located by mailing DHMH Form 1140. Reports are also accepted by phone.
- Physicians are required to report infants born to HIV positive mothers within 48 hours to the State Health Department by mailing DHMH Form 1140. Reports are also accepted by phone.
- Clinical and infection control practitioners in hospitals, nursing homes, hospice facilities, medical clinics in correctional facilities, inpatient psychiatric facilities, and inpatient drug rehabilitation facilities are required to report patients in the care of the institution with diagnoses of HIV or AIDS within 48 hours to the Local Health Department where the institution is located by mailing DHMH Form 1140. Reports are also accepted by phone. Facilities with large volumes are encouraged to contact the State Health Department to establish electronic reporting.
- Laboratory directors are required to report patients with laboratory results indicating HIV infection (e.g., positive confirmatory HIV diagnostic tests, all CD4 immunological tests, all HIV viral load tests, and all HIV genotype and phenotype tests) within 48 hours to the Local Health Department where the laboratory is located, or if out of state to the Maryland State Health Department, by mailing DHMH Form 4492. Laboratories are encouraged to contact the State Health Department to establish electronic reporting.

Reporting forms and instructions are available on our website:

<http://phpa.dhmh.maryland.gov/oideor/chse/sitepages/reporting-material.aspx>

For Assistance with HIV/AIDS Reporting

For assistance with reporting, including establishment of routine, electronic, or other alternate methods of reporting to the Health Department, please contact the Center for HIV Surveillance, Epidemiology and Evaluation in the Maryland Department of Health and Mental Hygiene at 410-767-5061.

Limitations in the HIV/AIDS Data

This epidemiological profile only contains data for HIV and AIDS cases that have been diagnosed by a health care provider, were reported to the health department by name, and were residents of Maryland at the time of diagnosis. Nationally, it has been estimated that 18% of people living with HIV infection are undiagnosed. In addition, despite a massive effort during which over 17,000 HIV cases were reported after the Maryland HIV reporting law changed on April 24, 2007, not all diagnosed HIV cases previously reported by Maryland's code-based identifier were located and re-reported by name. In addition, many of the re-reported HIV cases were identified by a recent diagnosis and not by their earliest diagnosis, resulting in an under-reporting of HIV diagnoses before 2001 and an over-reporting of HIV diagnoses from 2001 to 2008. Caution should be exercised in using the number of living HIV cases without AIDS and in interpreting trends in the number of reported HIV diagnoses. Furthermore, laboratory data are only available for cases receiving medical care, usually only at facilities in Maryland, and only includes test results that have been reported to the health department.

Stages of a Case of HIV/AIDS

Untreated HIV disease progresses from HIV infection to AIDS to death. These are biological events that occur whether or not a person receives any medical care. For example, a person can be HIV infected but never have an HIV test and so they do not have an HIV diagnosis. A medical provider diagnoses that these biological events have occurred and records them as a medical event. The law requires medical providers to report these medical events to the Health Department, thereby creating a surveillance event.

Time Point	Biological Event	Medical Event	Surveillance Event
1	HIV Infection		
2		HIV Diagnosis	
3			HIV Report
4	AIDS Conditions		
5		AIDS Diagnosis	
6			AIDS Report
7	Death		
8		Death Diagnosis	
9			Death Report

For surveillance purposes, a case of HIV/AIDS can only move through time in one direction, from HIV infection to death report [from time point 1 to time point 9], but may skip over individual stages. Events can occur simultaneously, but usually there is a time lag between them. The time lag between events can be measured in days, months, or years.

For example, the time between HIV infection [time point 1] and the test that diagnoses HIV [time point 2] may be several years, and it may then take several days for the laboratory and physician to report the diagnosis to the health department [time point 3]. In a second example, a person with diagnosed and reported HIV infection [time point 3] may die [time point 7] without developing AIDS, thereby skipping the three AIDS events (conditions, diagnosis, and report [time points 4, 5 and 6]). And in a third example, a person with undiagnosed HIV infection [time point 1] may become sick, enter the hospital, and die [time point 7] of what is later determined to be AIDS. In that situation, HIV diagnosis [time point 2], AIDS diagnosis [time point 5], and death diagnosis [time point 8] would all occur at the same time, and that would have been many years after the initial HIV infection [time point 1].

Changes in Case Terminology

The terminology for HIV and AIDS cases was changed from earlier epidemiological profiles to be more precise, with Reported Diagnoses replacing Incidence and Living Cases replacing Prevalence. Incidence is a measure of the number of new events (such as HIV infections) in a population during a period of time. Prevalence is a measure of the number of people living with a condition (such as HIV) in a population at a certain time. Prevalence includes both new and old cases. For HIV, Incidence and Prevalence cannot be directly measured and must be estimated using statistical methods. The HIV surveillance system is able to provide the actual number of diagnoses and deaths that are reported in the population.

For this epidemiological profile, the reports received through a certain time (the end of the year) are used to generate the number of diagnoses during the prior years. This one year lag allows for delays in reporting and time to complete investigations. For example, the Reported HIV Diagnoses for 2011 are the total of the reported HIV cases with or without an AIDS diagnosis, diagnosed with HIV during 1/1/2011-12/31/2011, as reported by name through 12/31/2012.

To calculate the number of Living Cases we count up all of the Reported Diagnoses from the beginning of the epidemic (all the new cases each year) and subtract all of the Reported Deaths. For example, the Total Living HIV Cases on 12/31/2011 are the total of the reported HIV Cases with or without an AIDS diagnosis and not reported to have died as of 12/31/2011 as reported by name through 12/31/2012.

Laboratory Data

CD4+ T-lymphocyte tests are measures of a person's immune system function. An HIV infected adult is considered to have AIDS if they have less than 200 CD4 cells per microliter of blood. Viral load (VL) tests are measures of the amount of HIV in a person's body. The goal of HIV treatment is to have a very low number of copies of virus per milliliter of blood, below what the test can measure, which is called an undetectable level. Treatment recommendations are that a person in HIV medical care should have their CD4 and VL levels measured at least 2-3 times per year. We use the presence of these lab tests as an indicator that someone has been "linked to care" after diagnosis or is "in care".

Sources of Data

Information on HIV and AIDS diagnoses, including residence at diagnosis, age, race/ethnicity, sex at birth, country of birth, vital status, HIV exposure category, and CD4 and HIV viral load test results are from the Maryland Department of Health and Mental Hygiene's Enhanced HIV/AIDS Reporting System (eHARS), December 31, 2012.

Live births are from the Maryland Department of Health and Mental Hygiene's Maryland Vital Statistics Annual Report 2011.

Perinatal exposures and transmissions are from the Maryland Department of Health and Mental Hygiene's Enhanced Perinatal Surveillance System, December 31, 2012.

Population data by sex, age, and race are from the July 1, 2011 U.S. Census Estimates and by country-of-birth from the 2011 American Community Survey (note the difference in total population due to different source). Due to estimation limitations, some population totals may not equal the sum of its components. When needed, age groups were divided by assuming uniform age distribution within the age group. Non-Hispanic multiple race and Non-Hispanic some other race from the Census were combined into one group.

Tabulation of Column Totals

Figures in tables and generally in the text have been rounded. Discrepancies in tables between totals and sums of components are due to rounding.

Data Suppression

In order to protect the confidentiality of reported HIV cases, data are suppressed in the following instances:

- Data describing a demographic group or geographic area (e.g. ZIP code) with a population less than 1,000 people.
- All clinical/laboratory information if it is describing less than 5 cases.
- All exposure/risk information if it is describing less than 5 cases, except in the case of "other" exposure.
- If any cell is suppressed, additional cells are also suppressed as necessary to prevent back calculation of the suppressed cell(s).

On-line Mapping Tool

Please visit the Maryland Department of Health and Mental Hygiene's website at <http://phpa.dhmdh.maryland.gov/oideor/chse> to create your own maps of adult/adolescent HIV rates by jurisdiction of residence, subset them by sex at birth and race/ethnicity, zoom in to the jurisdiction level, plot the locations of HIV testing sites, and print out your custom map.

HIV Exposure Categories

The Centers for Disease Control and Prevention (CDC) developed a hierarchy of exposure categories for surveillance purposes. Persons with more than one reported risk factor are classified in the exposure category listed first in the hierarchy and therefore counted only once. Men who have sex with men and report injection drug use constitutes a separate transmission category.

MSM (Men who have Sex with Men): Men who report a history of sexual contact with other men (homosexual contact) including men who report sexual contact with both men and women (bisexual contact).

Injection Drug Use (IDU): Men or women who report receiving an injection, either self-administered or given by another person, of a drug that was not prescribed by a physician.

MSM/IDU: Men who report a history of sexual contact with other men who also have engaged in injection drug use.

Heterosexual Exposure (HET): Men or women who report a history of sexual contact with a person of the opposite sex who is known to have an HIV infection or at high risk for an HIV infection. High risk groups include bisexual men, IDUs and recipients of blood, blood components, transplants of organ or tissue and artificial insemination.

Perinatal Exposure: Any baby born to an HIV positive mother.

Glossary of Terms

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Age at AIDS Diagnosis: Age group at time of initial AIDS diagnosis.

Age at HIV Diagnosis: Age group at time of initial HIV diagnosis.

Age on [date]: Age group of living cases on of the specified year.

AIDS Deaths: Reported HIV diagnoses with an AIDS diagnosis that have died due to any cause.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Confirmed Perinatal HIV Transmissions: Reported babies born to an HIV positive mother, with a confirmed HIV diagnosis.

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Jurisdiction of Residence at AIDS Diagnosis: Jurisdiction of residence at time of initial AIDS diagnosis.

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at the later of time of initial HIV diagnosis or time initial AIDS diagnosis.

Jurisdiction of Residence at HIV Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis.

Live Births: Babies born alive in the general population, from Maryland Vital Statistics.

Living HIV Cases with AIDS: Reported HIV diagnoses with an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Living HIV Cases without AIDS: Reported HIV diagnoses without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean or average number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Mean Years from AIDS diagnosis to AIDS Death: Mean or average number of years from initial AIDS diagnosis to death for adult/adolescent reported AIDS diagnoses with a reported death.

Median: The measure of central location which divides a set of data into two equal parts.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 400 copies per milliliter or greater.

On ART: Estimated number of HIV Diagnosed receiving antiretroviral therapy (ART) during the specified year.

Pediatric Reported HIV Diagnoses: Reported HIV diagnoses, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, with initial HIV diagnosis during the specified year.

Pediatric Total Living HIV Cases: Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Percent Alive by Years after AIDS Diagnosis: Percent of adult/adolescent reported AIDS diagnoses not reported to have died at 1 year, 2 years, 5 years and 10 years after initial AIDS diagnosis, by year of AIDS diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 400 copies per milliliter.

Percent with AIDS: Percent of adult/adolescent reported HIV diagnoses in the specified year with an initial AIDS diagnosis by 12/31/2011.

Percent with AIDS by Years after HIV Diagnosis: Percent of adult/adolescent reported HIV diagnoses in the specified year with an initial AIDS diagnosis at 1 year, 2 years, 5 years and 10 years after HIV diagnosis.

Perinatal HIV Transmission Rate: Percent of confirmed perinatal HIV transmissions among reported perinatal HIV exposures.

Population: Population estimate for 7/1/2011.

Population Age 13+: Population age 13 years or older, estimate for 7/1/2011.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

Reported AIDS Deaths: Reported HIV diagnoses with an AIDS diagnosis, reported to have died of any cause during the specified year.

Reported AIDS Diagnoses: Reported HIV diagnoses with an initial AIDS diagnosis during the specified year.

Reported HIV Diagnoses: Reported HIV diagnoses with an initial HIV diagnosis during the specified year.

Reported Perinatal HIV Exposures: Reported babies born to an HIV positive mother during the specified year.

Retained in HIV Care: HIV Diagnosed with a CD4 test result reported in the 12 months prior to December 31st of the specified year.

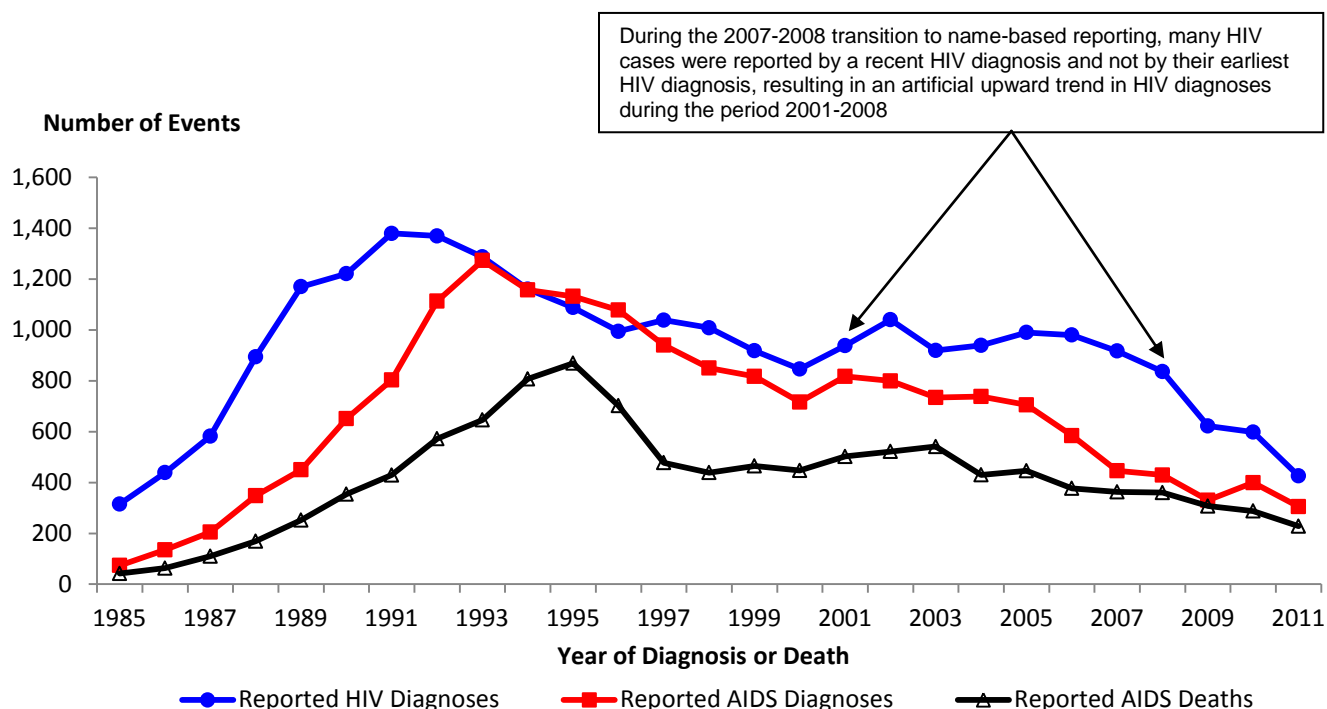
Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Women of Childbearing Age Total Living HIV cases: Reported HIV diagnoses among women of child bearing age (13-49 years old) on December 31st of the specified year.

Section II – Trends 1985-2011

Figure 1 – Trends in Reported HIV and AIDS Diagnoses and Deaths, 1985-2011, Reported through 12/31/2012

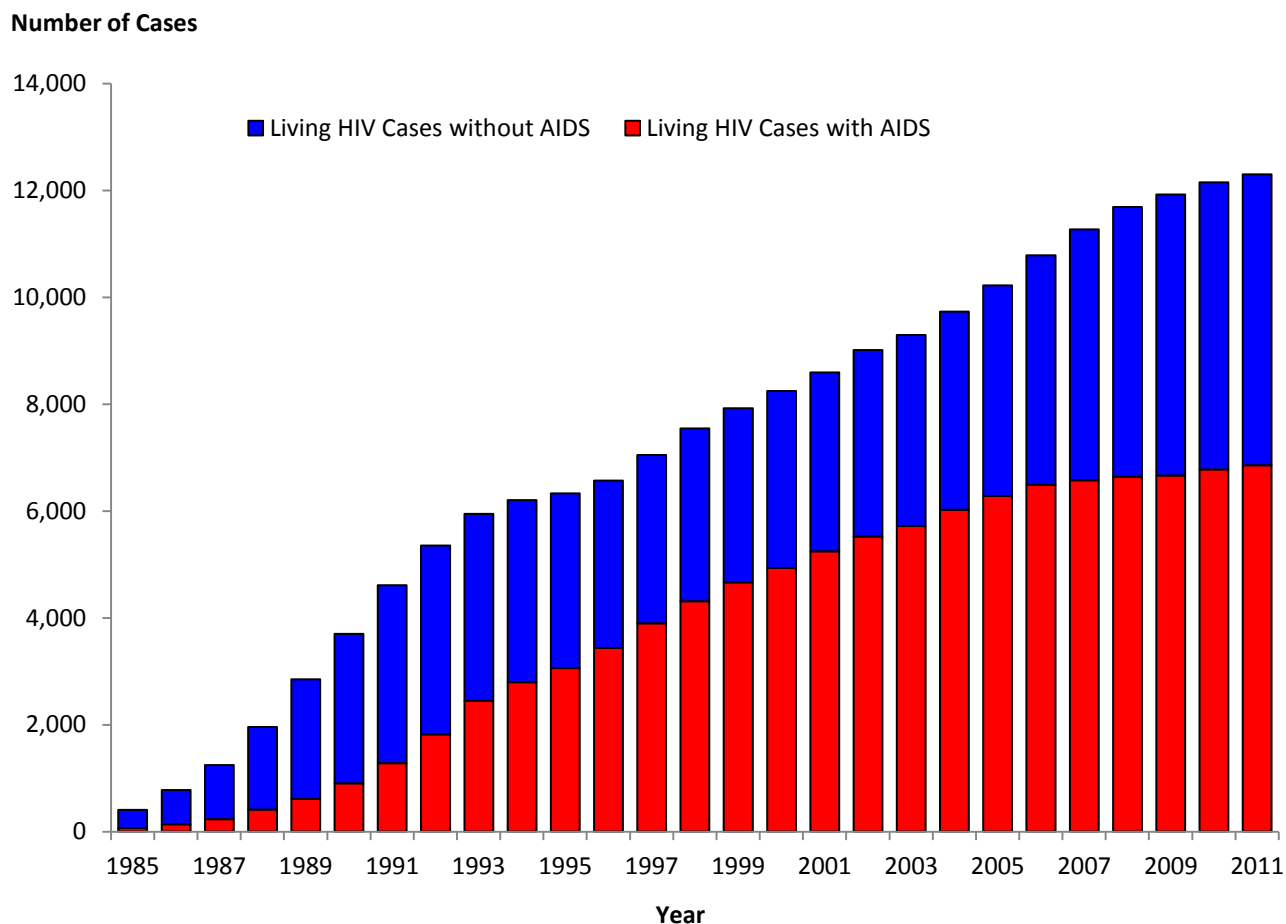
Reported HIV Cases with or without an AIDS Diagnosis (Reported HIV Diagnoses) by Year of HIV Diagnosis, Reported HIV Cases with an AIDS Diagnosis (Reported AIDS Diagnoses) by Year of AIDS Diagnosis, and Reported HIV Cases with an AIDS Diagnosis Reported to have Died of Any Cause (Reported AIDS Deaths) by Year of Death, from 1985 through 2011 as Reported through 12/31/2012



YEAR OF DIAGNOSIS OR DEATH	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths	YEAR OF DIAGNOSIS OR DEATH	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths
<1985	150	57	25	1998	1,008	850	439
1985	315	74	42	1999	918	817	465
1986	439	135	63	2000	846	716	447
1987	582	205	110	2001	938	817	502
1988	894	348	169	2002	1,040	799	522
1989	1,170	450	252	2003	919	734	541
1990	1,221	651	354	2004	939	738	430
1991	1,379	803	429	2005	990	705	446
1992	1,369	1,113	572	2006	980	584	377
1993	1,287	1,273	646	2007	917	446	363
1994	1,160	1,157	807	2008	836	429	360
1995	1,088	1,132	869	2009	622	330	307
1996	994	1,078	702	2010	598	399	288
1997	1,038	940	478	2011	426	305	228
				TOTAL	25,063	18,085	11,233

Figure 2 – Trends in Living HIV Cases, 1985-2011, Reported through 12/31/2012

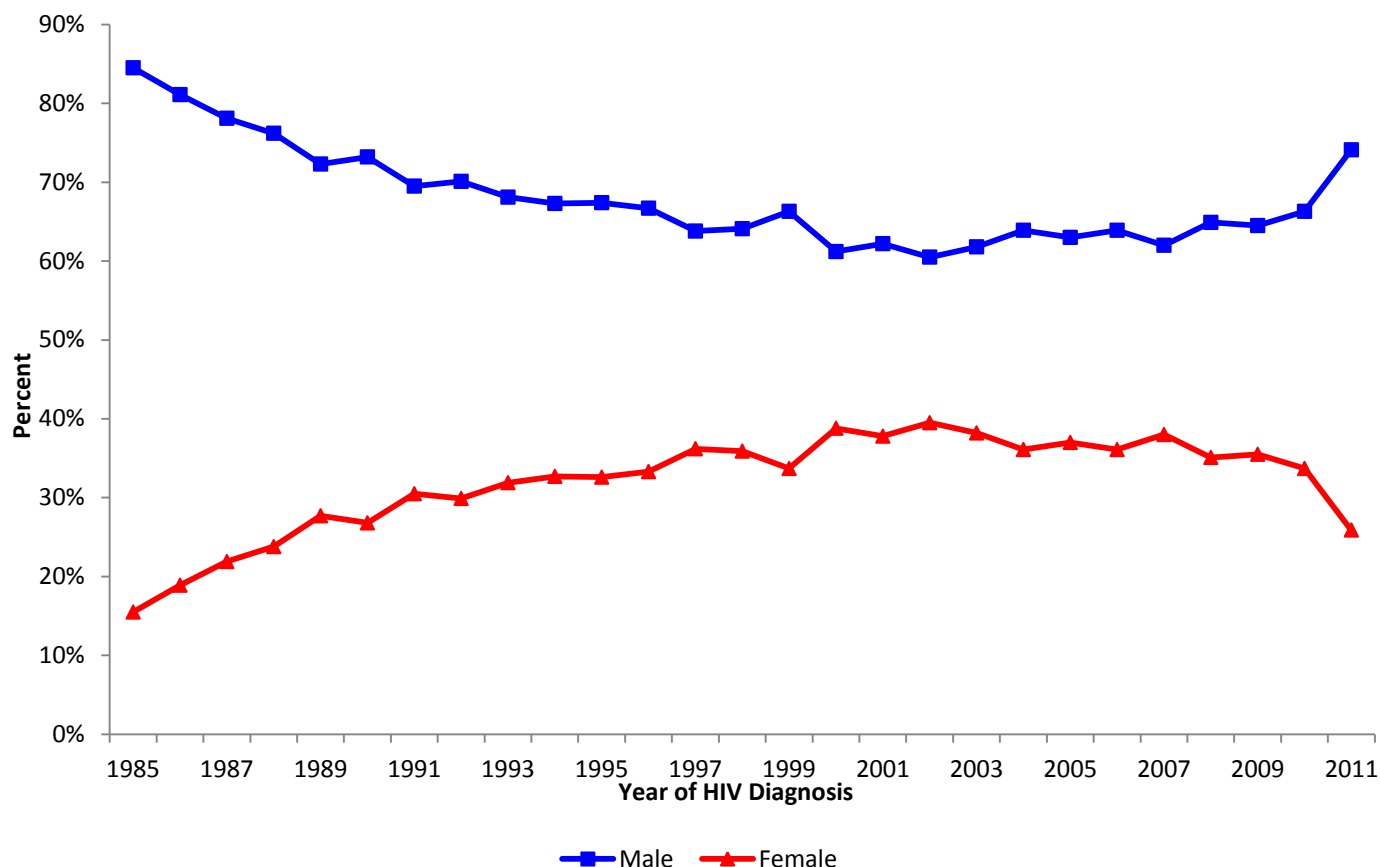
Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year (Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases) from 1985 through 2011, as Reported through 12/31/2012



YEAR	Living HIV Cases without AIDS	Living HIV Cases with AIDS	Total Living HIV Cases	YEAR	Living HIV Cases without AIDS	Living HIV Cases with AIDS	Total Living HIV Cases
1985	339	64	403	1998	3,237	4,310	7,547
1986	638	136	774	1999	3,257	4,662	7,919
1987	1,011	231	1,242	2000	3,315	4,931	8,246
1988	1,546	410	1,956	2001	3,347	5,246	8,593
1989	2,239	608	2,847	2002	3,487	5,523	9,010
1990	2,794	905	3,699	2003	3,579	5,716	9,295
1991	3,333	1,279	4,612	2004	3,708	6,024	9,732
1992	3,532	1,820	5,352	2005	3,938	6,283	10,221
1993	3,498	2,447	5,945	2006	4,292	6,490	10,782
1994	3,405	2,798	6,203	2007	4,694	6,573	11,267
1995	3,267	3,061	6,328	2008	5,048	6,642	11,690
1996	3,132	3,437	6,569	2009	5,259	6,665	11,924
1997	3,150	3,899	7,049	2010	5,375	6,776	12,151
				2011	5,447	6,853	12,300

Figure 3 – Trends in Adult/Adolescent Reported HIV Diagnoses by Sex at Birth, 1985-2011, Reported through 12/31/2012

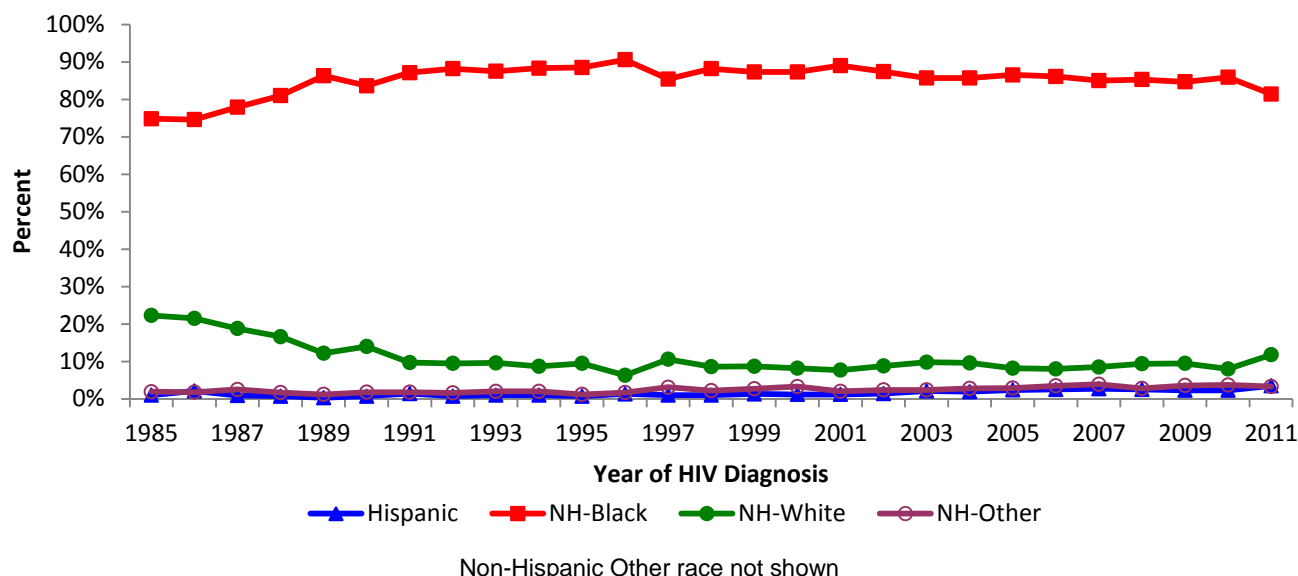
Percent by Sex at Birth of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2011, as Reported through 12/31/2012



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses			YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses		
	No.	% Male	% Female		No.	% Male	% Female
<1985	149	85.9%	14.1%	1998	992	64.1%	35.9%
1985	309	84.5%	15.5%	1999	904	66.3%	33.7%
1986	433	81.1%	18.9%	2000	840	61.2%	38.8%
1987	570	78.1%	21.9%	2001	931	62.2%	37.8%
1988	878	76.2%	23.8%	2002	1,038	60.5%	39.5%
1989	1,149	72.3%	27.7%	2003	917	61.8%	38.2%
1990	1,193	73.2%	26.8%	2004	937	63.9%	36.1%
1991	1,352	69.5%	30.5%	2005	990	63.0%	37.0%
1992	1,336	70.1%	29.9%	2006	978	63.9%	36.1%
1993	1,251	68.1%	31.9%	2007	898	62.0%	38.0%
1994	1,139	67.3%	32.7%	2008	830	64.9%	35.1%
1995	1,073	67.4%	32.6%	2009	619	64.5%	35.5%
1996	980	66.7%	33.3%	2010	597	66.3%	33.7%
1997	1,032	63.8%	36.2%	2011	424	74.1%	25.9%
				TOTAL	24,739	67.4%	32.6%

Figure 4 – Trends in Adult/Adolescent Reported HIV Diagnoses by Race/Ethnicity, 1985-2011, Reported through 12/31/2012

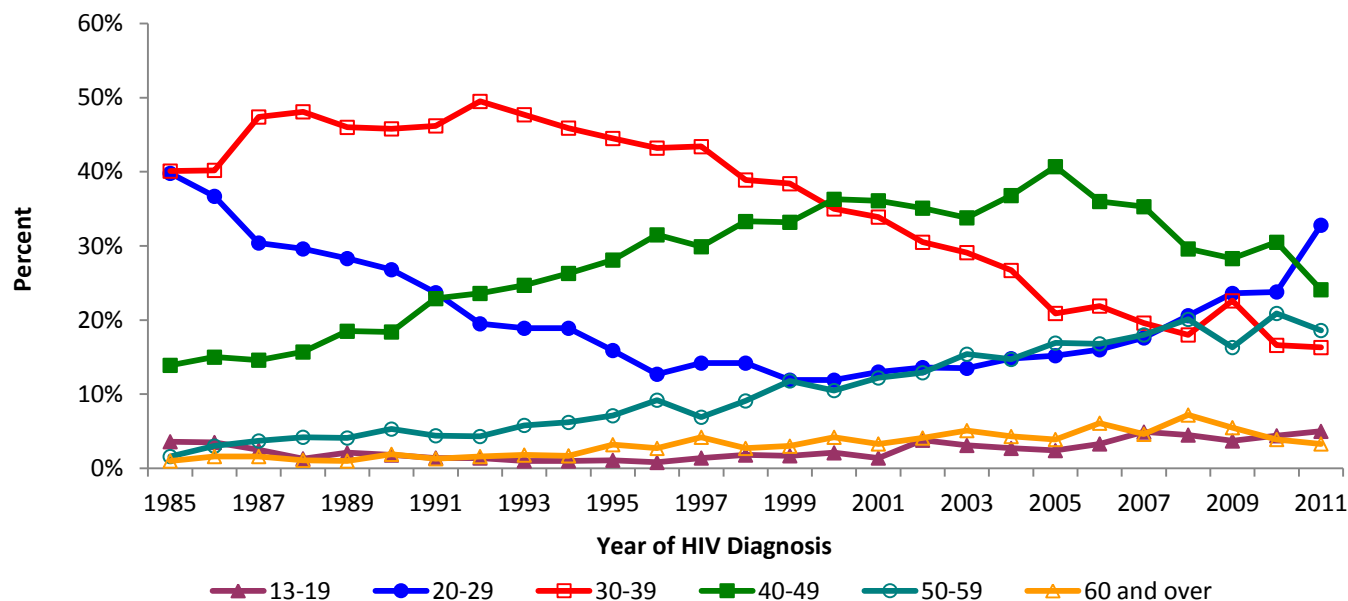
Percent by Race/Ethnicity of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2011, as Reported through 12/31/2012



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses				
	No.	% Hispanic	% Non-Hispanic Black, only	% Non-Hispanic White, only	% Non-Hispanic Other Race
<1985	149	2.0%	60.4%	36.2%	1.3%
1985	309	1.0%	74.8%	22.3%	1.9%
1986	433	2.1%	74.6%	21.5%	1.8%
1987	570	0.9%	77.9%	18.8%	2.5%
1988	878	0.7%	81.0%	16.6%	1.7%
1989	1,149	0.3%	86.3%	12.2%	1.2%
1990	1,193	0.7%	83.6%	14.0%	1.8%
1991	1,352	1.4%	87.1%	9.7%	1.8%
1992	1,336	0.7%	88.2%	9.5%	1.6%
1993	1,251	1.0%	87.5%	9.6%	2.0%
1994	1,139	1.0%	88.3%	8.7%	2.0%
1995	1,073	0.7%	88.5%	9.5%	1.2%
1996	980	1.3%	90.6%	6.3%	1.7%
1997	1,032	1.0%	85.4%	10.6%	3.1%
1998	992	1.0%	88.2%	8.6%	2.2%
1999	904	1.3%	87.3%	8.7%	2.7%
2000	840	1.2%	87.3%	8.2%	3.3%
2001	931	1.2%	89.0%	7.7%	2.0%
2002	1,038	1.4%	87.4%	8.8%	2.4%
2003	917	2.1%	85.7%	9.8%	2.4%
2004	937	1.9%	85.7%	9.6%	2.8%
2005	990	2.4%	86.5%	8.2%	2.9%
2006	978	2.5%	86.1%	8.0%	3.5%
2007	898	2.7%	85.0%	8.5%	3.9%
2008	830	2.5%	85.3%	9.4%	2.8%
2009	619	2.3%	84.7%	9.5%	3.6%
2010	597	2.3%	85.9%	8.0%	3.7%
2011	424	3.5%	81.4%	11.8%	3.3%
TOTAL	24,739	1.4%	85.8%	10.4%	2.3%

Figure 5 – Trends in Adult/Adolescent Reported HIV Diagnoses by Age at Diagnosis, 1985-2011, Reported through 12/31/2012

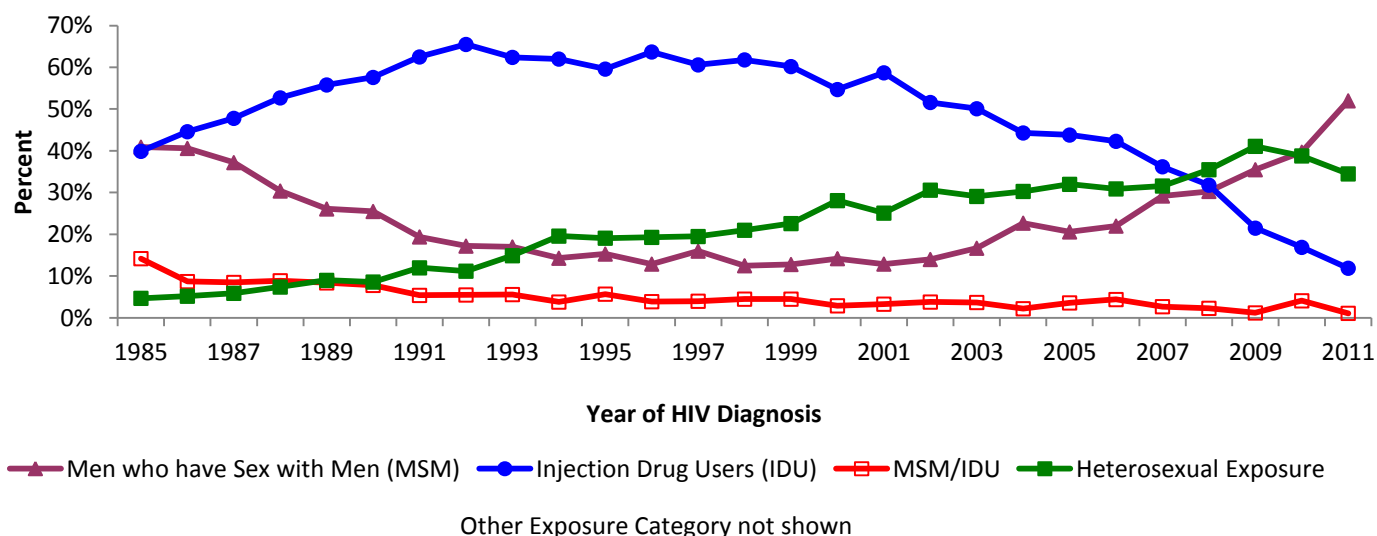
Percent by Age at HIV Diagnosis of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2011, as Reported through 12/31/2012



YEAR OF HIV DIAGNOSIS	Reported Adult/Adolescent HIV Diagnoses						
	No.	% Age 13-19	% Age 20-29	% Age 30-39	% Age 40-49	% Age 50-59	% Age 60+
<1985	149	3.4%	45.0%	31.5%	13.4%	6.0%	0.7%
1985	309	3.6%	39.8%	40.1%	13.9%	1.6%	1.0%
1986	433	3.5%	36.7%	40.2%	15.0%	3.0%	1.6%
1987	570	2.5%	30.4%	47.4%	14.6%	3.7%	1.6%
1988	878	1.3%	29.6%	48.1%	15.7%	4.2%	1.1%
1989	1,149	2.1%	28.3%	46.0%	18.5%	4.1%	1.0%
1990	1,193	1.8%	26.8%	45.8%	18.4%	5.3%	1.9%
1991	1,352	1.4%	23.7%	46.2%	22.9%	4.4%	1.3%
1992	1,336	1.4%	19.5%	49.5%	23.6%	4.3%	1.6%
1993	1,251	1.0%	18.9%	47.7%	24.7%	5.8%	1.8%
1994	1,139	1.0%	18.9%	45.9%	26.3%	6.2%	1.7%
1995	1,073	1.1%	15.9%	44.5%	28.1%	7.1%	3.2%
1996	980	0.8%	12.7%	43.2%	31.5%	9.2%	2.7%
1997	1,032	1.4%	14.2%	43.4%	29.9%	6.9%	4.2%
1998	992	1.8%	14.2%	38.9%	33.3%	9.1%	2.7%
1999	904	1.7%	11.9%	38.4%	33.2%	11.8%	3.0%
2000	840	2.1%	11.9%	35.0%	36.3%	10.5%	4.2%
2001	931	1.4%	13.0%	33.9%	36.1%	12.2%	3.3%
2002	1,038	3.8%	13.6%	30.5%	35.1%	12.9%	4.1%
2003	917	3.1%	13.5%	29.1%	33.8%	15.4%	5.1%
2004	937	2.7%	14.8%	26.7%	36.8%	14.7%	4.3%
2005	990	2.4%	15.2%	20.9%	40.7%	16.9%	3.9%
2006	978	3.3%	16.0%	21.9%	36.0%	16.8%	6.1%
2007	898	4.9%	17.6%	19.6%	35.3%	18.0%	4.6%
2008	830	4.5%	20.6%	18.0%	29.6%	20.1%	7.2%
2009	619	3.7%	23.6%	22.6%	28.3%	16.3%	5.5%
2010	597	4.4%	23.8%	16.6%	30.5%	20.9%	3.9%
2011	424	5.0%	32.8%	16.3%	24.1%	18.6%	3.3%
TOTAL	24,739	2.3%	19.6%	36.8%	28.3%	10.0%	3.1%

Figure 6 – Trends in Adult/Adolescent Reported HIV Diagnoses by Exposure Category, 1985-2011, Reported through 12/31/2012

Percent by Exposure Category of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) and with Reported Exposure Category by Year of HIV Diagnosis from 1985 through 2011, as Reported through 12/31/2012



YEAR	Adult/Adolescent Reported HIV Diagnoses						
	No.	With Exposure Category					
		No.	% MSM	% IDU	% MSM/IDU	% HET	% Other Exposure
<1985	149	145	57.9%	31.0%	7.6%	2.8%	0.7%
1985	309	296	40.9%	39.9%	14.2%	4.7%	0.3%
1986	433	426	40.6%	44.6%	8.7%	5.2%	0.9%
1987	570	556	37.2%	47.8%	8.5%	5.9%	0.5%
1988	878	855	30.4%	52.7%	8.9%	7.4%	0.6%
1989	1,149	1,120	26.1%	55.8%	8.4%	9.0%	0.7%
1990	1,193	1,149	25.5%	57.6%	7.8%	8.6%	0.4%
1991	1,352	1,295	19.4%	62.5%	5.4%	12.0%	0.6%
1992	1,336	1,277	17.2%	65.5%	5.5%	11.2%	0.6%
1993	1,251	1,215	17.0%	62.4%	5.6%	14.9%	0.2%
1994	1,139	1,094	14.3%	62.0%	3.8%	19.6%	0.4%
1995	1,073	1,033	15.3%	59.6%	5.7%	19.1%	0.3%
1996	980	928	12.9%	63.7%	3.9%	19.3%	0.2%
1997	1,032	956	16.0%	60.6%	4.0%	19.5%	0.0%
1998	992	926	12.5%	61.8%	4.5%	21.0%	0.2%
1999	904	829	12.8%	60.2%	4.5%	22.6%	0.0%
2000	840	762	14.2%	54.7%	2.9%	28.1%	0.1%
2001	931	828	12.9%	58.7%	3.3%	25.1%	0.0%
2002	1,038	894	14.0%	51.6%	3.8%	30.6%	0.0%
2003	917	810	16.7%	50.1%	3.7%	29.1%	0.4%
2004	937	806	22.7%	44.3%	2.2%	30.3%	0.5%
2005	990	787	20.6%	43.8%	3.6%	32.0%	0.0%
2006	978	709	22.0%	42.3%	4.4%	30.9%	0.4%
2007	898	630	29.2%	36.2%	2.7%	31.6%	0.3%
2008	830	557	30.3%	31.8%	2.3%	35.5%	0.0%
2009	619	321	35.5%	21.5%	1.2%	41.1%	0.6%
2010	597	242	39.7%	16.9%	4.1%	38.8%	0.4%
2011	424	177	52.0%	11.9%	1.1%	34.5%	0.6%
TOTAL	24,739	21,623	21.0%	53.7%	5.1%	19.9%	0.3%

Section III – Adult/Adolescent Cases by ZIP Code

Table 1 – Adult/Adolescent HIV Diagnoses during 2011, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by ZIP Code, Reported through 12/31/2012

ZIP CODE OF RESIDENCE AT HIV DIAGNOSIS	Population Age 13+	Adult/Adolescent Reported HIV Diagnoses							
		No.	% of Total	Rate	First CD4 Test Result			% Linked to Care	% Late HIV Diagnosis
					No. with Test	% with Test	Median Count		
21201	15,142	14	3.3%	92.5	13	92.9%	444	78.6%	14.3%
21202	20,682	26	6.1%	125.7	24	92.3%	307	84.6%	26.9%
21205	12,517	20	4.7%	159.8	14	70.0%	382	70.0%	20.0%
21206	33,120	20	4.7%	60.4	18	90.0%	388	75.0%	30.0%
21207	11,845	5	1.2%	42.2	4	80.0%	***	80.0%	0.0%
21208	1,588	0	0.0%	0.0	0	0.0%	--	--	--
21209	10,078	1	0.2%	9.9	***	***	***	***	***
21210	11,981	2	0.5%	16.7	***	***	***	***	***
21211	15,508	8	1.9%	51.6	7	87.5%	341	75.0%	25.0%
21212	17,674	6	1.4%	33.9	4	66.7%	***	50.0%	50.0%
21213	26,535	39	9.2%	147.0	28	71.8%	424	71.8%	25.6%
21214	17,206	9	2.1%	52.3	9	100.0%	340	100.0%	55.6%
21215	48,381	31	7.3%	64.1	24	77.4%	418	77.4%	25.8%
21216	26,507	26	6.1%	98.1	19	73.1%	377	76.9%	3.8%
21217	30,397	55	13.0%	180.9	35	63.6%	383	63.6%	29.1%
21218	43,429	36	8.5%	82.9	22	61.1%	364	63.9%	25.0%
21222	1,578	0	0.0%	0.0	0	0.0%	--	--	--
21223	21,253	27	6.4%	127.0	20	74.1%	394	77.8%	14.8%
21224	34,613	11	2.6%	31.8	10	90.9%	542	72.7%	9.1%
21225	14,265	11	2.6%	77.1	8	72.7%	191	81.8%	45.5%
21226	2,594	3	0.7%	115.7	***	***	***	***	***
21227	787	0	0.0%	0.0	0	0.0%	--	--	--
21228	225	0	0.0%	0.0	0	0.0%	--	--	--
21229	31,781	31	7.3%	97.5	26	83.9%	346	74.2%	32.3%
21230	28,952	14	3.3%	48.4	11	78.6%	226	50.0%	35.7%
21231	13,724	7	1.7%	51.0	5	71.4%	357	42.9%	42.9%
21234	7,164	3	0.7%	41.9	***	***	***	***	***
21236	174	0	0.0%	0.0	0	0.0%	--	--	--
21237	39	0	0.0%	0.0	0	0.0%	--	--	--
21239	20,100	9	2.1%	44.8	7	77.8%	221	77.8%	55.6%
21251	929	0	0.0%	0.0	0	0.0%	--	--	--
Unknown	--	10	2.4%	--	6	60.0%	394	40.0%	0.0%
Total	520,768	424	100.0%	81.4	322	75.9%	362	71.5%	26.4%

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

Jurisdiction of Residence at HIV Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis.

Population Age 13+: Population age 13 years or older, estimate for 7/1/2011.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Table 2 – Adult/Adolescent AIDS Diagnoses during 2011, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by ZIP Code, Reported through 12/31/2012

ZIP CODE OF RESIDENCE AT AIDS DIAGNOSIS	Population Age 13+	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
21201	15,142	17	5.6%	112.3	9.5	11.8%
21202	20,682	19	6.3%	91.9	5.2	31.6%
21205	12,517	14	4.6%	111.8	6.4	28.6%
21206	33,120	15	5.0%	45.3	2.4	46.7%
21207	11,845	0	0.0%	0.0	0.0	0.0%
21208	1,588	0	0.0%	0.0	--	--
21209	10,078	0	0.0%	0.0	--	--
21210	11,981	2	0.7%	16.7	***	***
21211	15,508	2	0.7%	12.9	***	***
21212	17,674	5	1.7%	28.3	3.6	60.0%
21213	26,535	24	7.9%	90.4	3.8	37.5%
21214	17,206	8	2.6%	46.5	3.5	62.5%
21215	48,381	24	7.9%	49.6	5.2	37.5%
21216	26,507	23	7.6%	86.8	4.5	26.1%
21217	30,397	34	11.2%	111.9	3.7	35.3%
21218	43,429	31	10.2%	71.4	6.1	32.3%
21222	1,578	0	0.0%	0.0	--	--
21223	21,253	23	7.6%	108.2	5.1	26.1%
21224	34,613	8	2.6%	23.1	7.7	12.5%
21225	14,265	9	3.0%	63.1	1.1	77.8%
21226	2,594	4	1.3%	154.2	***	***
21227	787	0	0.0%	0.0	--	--
21228	225	0	0.0%	0.0	--	--
21229	31,781	14	4.6%	44.1	4.1	42.9%
21230	28,952	7	2.3%	24.2	4.5	57.1%
21231	13,724	6	2.0%	43.7	5.9	33.3%
21234	7,164	3	1.0%	41.9	***	***
21236	174	0	0.0%	0.0	--	--
21237	39	0	0.0%	0.0	--	--
21239	20,100	11	3.6%	54.7	6.1	45.5%
21251	929	0	0.0%	0.0	--	--
TOTAL	520,768	303	100.0%	58.2	4.9	37.0%

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Jurisdiction of Residence at AIDS Diagnosis: Jurisdiction of residence at time of initial AIDS diagnosis.

Population Age 13+: Population age 13 years or older, estimate for 7/1/2011.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Table 3 – Adult/Adolescent HIV Cases Alive on 12/31/2011, by ZIP Code, Reported through 12/31/2012

ZIP CODE OF RESIDENCE AT DIAGNOSIS	Population Age 13+	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	% of Total	Rate	No.	% of Total	Rate	No.	% of Total	Rate	Ratio (1 in X)
21201	15,142	248	4.7%	1,637.8	305	4.5%	2,014.3	553	4.6%	3,652.1	27
21202	20,682	354	6.6%	1,711.6	471	7.0%	2,277.3	825	6.8%	3,989.0	25
21205	12,517	276	5.2%	2,205.0	328	4.9%	2,620.4	604	5.0%	4,825.4	20
21206	33,120	210	3.9%	634.1	291	4.3%	878.6	501	4.2%	1,512.7	66
21207	11,845	135	2.5%	1,139.7	161	2.4%	1,359.2	296	2.5%	2,498.9	40
21208	1,588	6	0.1%	377.8	2	0.0%	125.9	8	0.1%	503.8	198
21209	10,078	27	0.5%	267.9	31	0.5%	307.6	58	0.5%	575.5	173
21210	11,981	17	0.3%	141.9	12	0.2%	100.2	29	0.2%	242.0	413
21211	15,508	60	1.1%	386.9	85	1.3%	548.1	145	1.2%	935.0	106
21212	17,674	121	2.3%	684.6	152	2.3%	860.0	273	2.3%	1,544.6	64
21213	26,535	404	7.6%	1,522.5	508	7.5%	1,914.5	912	7.6%	3,437.0	29
21214	17,206	65	1.2%	377.8	103	1.5%	598.6	168	1.4%	976.4	102
21215	48,381	463	8.7%	957.0	612	9.1%	1,265.0	1,075	8.9%	2,221.9	45
21216	26,507	312	5.9%	1,177.0	428	6.4%	1,614.7	740	6.1%	2,791.7	35
21217	30,397	621	11.6%	2,043.0	767	11.4%	2,523.3	1,388	11.5%	4,566.2	21
21218	43,429	546	10.2%	1,257.2	634	9.4%	1,459.9	1,180	9.8%	2,717.1	36
21222	1,578	12	0.2%	760.5	3	0.0%	190.1	15	0.1%	950.6	105
21223	21,253	336	6.3%	1,581.0	465	6.9%	2,187.9	801	6.6%	3,768.9	26
21224	34,613	181	3.4%	522.9	225	3.3%	650.0	406	3.4%	1,173.0	85
21225	14,265	114	2.1%	799.2	148	2.2%	1,037.5	262	2.2%	1,836.7	54
21226	2,594	14	0.3%	539.7	22	0.3%	848.1	36	0.3%	1,387.8	72
21227	787	***	***	***	***	***	***	***	***	***	***
21228	225	***	***	***	***	***	***	***	***	***	***
21229	31,781	262	4.9%	824.4	349	5.2%	1,098.1	611	5.1%	1,922.5	52
21230	28,952	162	3.0%	559.5	187	2.8%	645.9	349	2.9%	1,205.4	82
21231	13,724	117	2.2%	852.5	167	2.5%	1,216.8	284	2.4%	2,069.4	48
21234	7,164	18	0.3%	251.3	41	0.6%	572.3	59	0.5%	823.6	121
21236	174	***	***	***	***	***	***	***	***	***	***
21237	39	***	***	***	***	***	***	***	***	***	***
21239	20,100	122	2.3%	607.0	161	2.4%	801.0	283	2.3%	1,408.0	71
21251	929	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
Unknown	--	76	1.4%	--	68	1.0%	--	144	1.2%	--	--
TOTAL	520,768	5,333	100.0%	1,024.1	6,739	100.0%	1,294.1	12,072	100.0%	2,318.1	43

*** Data withheld due to low population counts and/or case counts

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

Population Age 13+: Population age 13 years or older, estimate for 7/1/2011.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 4 – CD4 Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2011, by ZIP Code, Reported through 12/31/2012

ZIP CODE OF RESIDENCE AT DIAGNOSIS	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
21201	553	257	46.5%	447	17.9%	19.8%	20.6%	41.6%
21202	825	388	47.0%	423	20.6%	19.8%	19.3%	40.2%
21205	604	282	46.7%	468	15.6%	16.7%	22.3%	45.4%
21206	501	253	50.5%	441	12.3%	22.5%	21.3%	43.9%
21207	296	127	42.9%	519	19.7%	14.2%	14.2%	52.0%
21208	8	3	37.5%	***	***	***	***	***
21209	58	20	34.5%	534	5.0%	10.0%	30.0%	55.0%
21210	29	14	48.3%	473	14.3%	14.3%	28.6%	42.9%
21211	145	72	49.7%	503	11.1%	25.0%	12.5%	51.4%
21212	273	112	41.0%	478	18.8%	17.0%	16.1%	48.2%
21213	912	453	49.7%	432	17.0%	18.3%	25.8%	38.9%
21214	168	93	55.4%	466	11.8%	18.3%	25.8%	44.1%
21215	1,075	508	47.3%	450	19.1%	18.9%	18.3%	43.7%
21216	740	362	48.9%	400	19.3%	21.3%	21.5%	37.8%
21217	1,388	716	51.6%	450	18.0%	17.9%	20.7%	43.4%
21218	1,180	578	49.0%	462	15.7%	20.1%	19.4%	44.8%
21222	15	***	13.3%	***	***	***	***	***
21223	801	414	51.7%	414	18.1%	21.7%	22.9%	37.2%
21224	406	206	50.7%	460	17.5%	19.4%	17.0%	46.1%
21225	262	133	50.8%	409	25.6%	15.0%	18.0%	41.4%
21226	36	18	50.0%	445	27.8%	11.1%	22.2%	38.9%
21227	***	***	***	***	***	***	***	***
21228	***	***	***	***	***	***	***	***
21229	611	336	55.0%	439	19.0%	17.0%	23.2%	40.8%
21230	349	170	48.7%	470	15.3%	14.7%	24.1%	45.9%
21231	284	133	46.8%	425	22.6%	18.0%	18.8%	40.6%
21234	59	33	55.9%	444	18.2%	12.1%	24.2%	45.5%
21236	***	***	***	***	***	***	***	***
21237	***	9	34.6%	351	22.2%	22.2%	22.2%	33.3%
21239	283	151	53.4%	473	15.9%	17.9%	19.2%	47.0%
21251	0	--	--	--	--	--	--	--
Unknown	144	52	36.1%	408	19.2%	15.4%	25.0%	40.4%
TOTAL	12,072	5,905	48.9%	444	17.7%	18.8%	20.8%	42.7%

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Table 5 – Viral Load Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2011, by ZIP Code, Reported through 12/31/2012

ZIP CODE OF RESIDENCE AT DIAGNOSIS	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
21201	553	208	37.6%	56.3%	18,257
21202	825	333	40.4%	61.9%	7,842
21205	604	259	42.9%	69.1%	13,409
21206	501	235	46.9%	70.2%	20,100
21207	296	107	36.1%	67.3%	9,860
21208	8	4	50.0%	***	***
21209	58	23	39.7%	91.3%	70,110
21210	29	14	48.3%	78.6%	2,905
21211	145	66	45.5%	75.8%	25,520
21212	273	104	38.1%	69.2%	9,500
21213	912	405	44.4%	65.9%	14,847
21214	168	77	45.8%	76.6%	21,197
21215	1,075	432	40.2%	62.0%	15,634
21216	740	304	41.1%	58.2%	9,455
21217	1,388	575	41.4%	62.4%	12,315
21218	1,180	486	41.2%	69.5%	12,686
21222	15	1	6.7%	***	***
21223	801	306	38.2%	57.2%	22,365
21224	406	169	41.6%	71.6%	11,689
21225	262	108	41.2%	58.3%	32,847
21226	36	14	38.9%	64.3%	2,804
21227	***	***	***	***	***
21228	***	***	***	***	***
21229	611	250	40.9%	66.8%	14,147
21230	349	133	38.1%	59.4%	10,801
21231	284	120	42.3%	65.0%	27,001
21234	59	27	45.8%	63.0%	2,194
21236	***	***	***	***	***
21237	***	***	***	***	***
21239	283	129	45.6%	68.2%	11,800
21251	0	--	--	--	--
Uknown	144	42	29.2%	52.4%	42,425
TOTAL	12,072	4,952	41.0%	64.6%	13,603

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

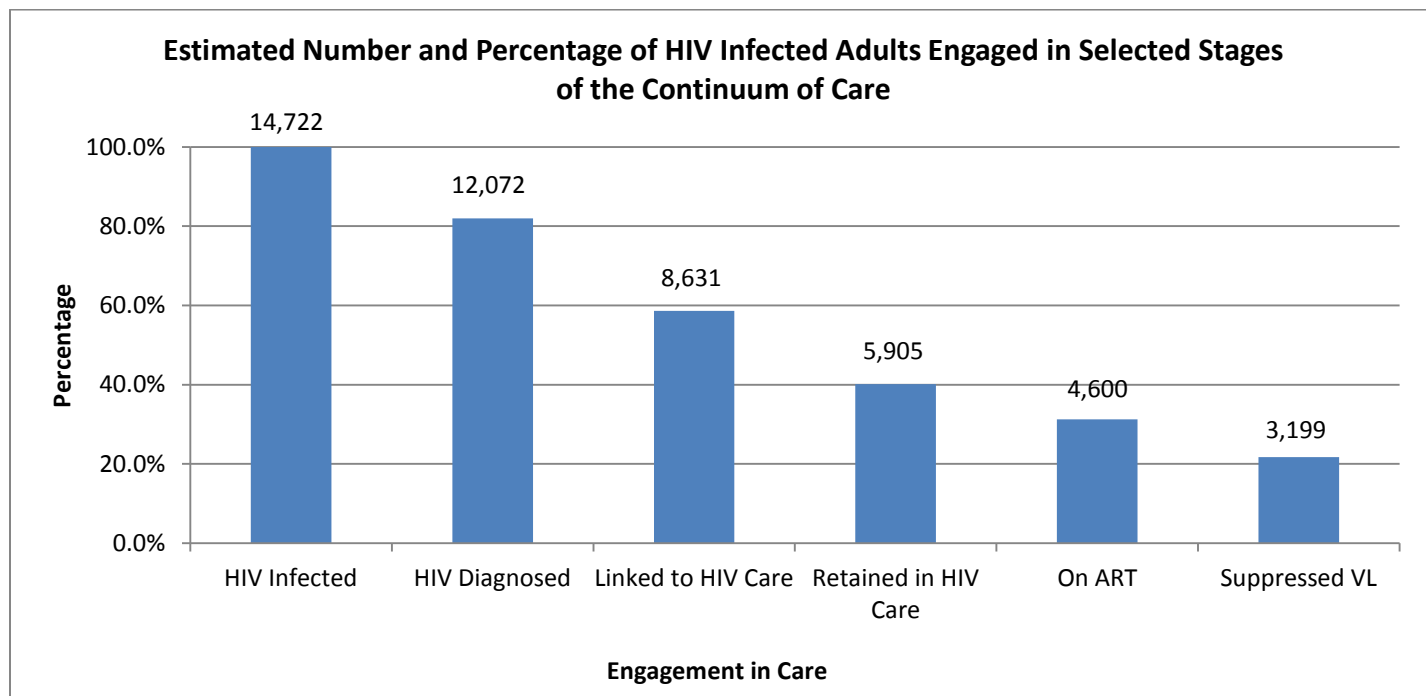
Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 400 copies per milliliter.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 400 copies per milliliter or greater.

Figure 7 – Estimated Adult/Adolescent 2011 HIV Continuum of Care, Reported through 12/31/2012

In their 2011 article in Clinical Infectious Diseases, Gardner et al. utilize a continuum of care “cascade” to illustrate national estimates of the number of persons living with HIV who belong to each of the stages of engagement in HIV care. The Maryland Engagement in HIV Care Cascade (below) uses the national estimate of the number of undiagnosed persons (18%) to generate an estimated total number of HIV infected persons in Maryland, and then uses local data to describe the number and percentage of persons living with HIV in Maryland who belong to each of the stages of engagement in HIV care.



Continuum of Care Stage	Number	Percentage
HIV Infected	14,722	100.0%
HIV Diagnosed	12,072	82.0%
Linked to HIV Care	8,631	58.6%
Retained in HIV Care	5,905	40.1%
On ART	4,600	31.2%
Suppressed VL	3,199	21.7%

HIV Infected: HIV Diagnosed divided by one minus the national estimate of undiagnosed HIV infections (18%).

HIV Diagnosed: Adult/adolescent total living HIV cases as of December 31st of the specified year.

Linked to HIV Care: HIV Diagnosed multiplied by the percent of adult/adolescent reported HIV diagnoses during the specified year with a reported CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Retained in HIV Care: HIV Diagnosed with a CD4 test result reported in the 12 months prior to December 31st of the specified year

On ART: Estimated number of HIV Diagnosed receiving antiretroviral therapy (ART) during the specified year.

Suppressed Viral Load: HIV Diagnosed with the most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 400 copies per milliliter.

Section IV – Cases by Age

Table 6 – HIV Diagnoses during 2011, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Age at HIV Diagnosis, Reported through 12/31/2012

AGE AT HIV DIAGNOSIS	Population	Reported HIV Diagnoses							
		No.	% of Total	Rate	First CD4 Test Result			% Linked to Care	% Late Diagnosis
					No. with Test	% with Test	Median Count		
<5 (Pediatric)	42,094	0	0.0%	0.0	--	--	--	--	--
5-12 (Pediatric)	56,631	2	0.5%	3.5	***	***	***	***	***
13-19	54,820	21	4.9%	38.3	13	61.9%	493	71.4%	0.0%
20-29	114,162	139	32.6%	121.8	116	83.5%	379	73.4%	21.6%
30-39	83,916	69	16.2%	82.2	55	79.7%	406	76.8%	23.2%
40-49	79,684	102	23.9%	128.0	78	76.5%	356	68.6%	30.4%
50-59	82,305	79	18.5%	96.0	49	62.0%	236	65.8%	35.4%
60+	105,881	14	3.3%	13.2	***	***	***	***	***
TOTAL	619,493	426	100.0%	68.8	323	75.8%	362	71.6%	26.3%

*** Data withheld due to low population counts and/or case counts

Table 7 – AIDS Diagnoses during 2011, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Age at AIDS Diagnosis, Reported through 12/31/2012

AGE AT AIDS DIAGNOSIS	Population	Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
<5 (Pediatric)	42,094	0	0.0%	0.0	--	--
5-12 (Pediatric)	56,631	0	0.0%	0.0	--	--
13-19	54,820	6	2.0%	10.9	7.2	0.0%
20-29	114,162	62	20.3%	54.3	2.2	48.4%
30-39	83,916	43	14.1%	51.2	4.7	34.9%
40-49	79,684	96	31.5%	120.5	6.2	31.3%
50-59	82,305	73	23.9%	88.7	5.3	41.1%
60+	105,881	25	8.2%	23.6	6.2	28.0%
TOTAL	619,493	305	100.0%	49.2	5.0	36.7%

Reported HIV Diagnoses: Reported HIV diagnoses with an initial HIV diagnosis during the specified year.

Age at HIV Diagnosis: Age group at time of initial HIV diagnosis.

Population: Population estimate for 7/1/2011.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Age at AIDS Diagnosis: Age group at time of initial AIDS diagnosis.

Reported AIDS Diagnoses: Reported HIV diagnoses with an initial AIDS diagnosis during the specified year.

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Table 8 – HIV Cases Alive on 12/31/2011, by Age on 12/31/2011, Reported through 12/31/2012

AGE ON 12/31/2011	Population	Living HIV Cases without AIDS			Living HIV Cases with AIDS			Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
<5 (Pediatric)	42,094	12	0.2%	28.5	1	0.0%	2.4	13	0.1%	30.9	3,238
5-12 (Pediatric)	56,631	23	0.4%	40.6	3	0.0%	5.3	26	0.2%	45.9	2,178
13-19	54,820	79	1.5%	144.1	43	0.6%	78.4	122	1.0%	222.5	449
20-29	114,162	753	13.8%	659.6	366	5.3%	320.6	1,119	9.1%	980.2	102
30-39	83,916	904	16.6%	1,077.3	757	11.0%	902.1	1,661	13.5%	1,979.4	50
40-49	79,684	1,664	30.5%	2,088.2	2,269	33.1%	2,847.5	3,933	32.0%	4,935.7	20
50-59	82,305	1,483	27.2%	1,801.8	2,557	37.3%	3,106.7	4,040	32.8%	4,908.6	20
60+	105,881	529	9.7%	499.6	857	12.5%	809.4	1,386	11.3%	1,309.0	76
TOTAL	619,493	5,447	100.0%	879.3	6,853	100.0%	1,106.2	12,300	100.0%	1,985.5	50

Age on [date]: Age group of living cases on the specified date.

Population: Population estimate for 7/1/2011.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 9 – CD4 Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2011, by Age on 12/31/2011, Reported through 12/31/2012

AGE ON 12/31/2011	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
13-19	38	21	55.3%	457	14.3%	23.8%	19.0%	42.9%
20-29	1,015	543	53.5%	425	15.3%	21.0%	23.4%	40.3%
30-39	1,660	772	46.5%	449	18.5%	18.3%	19.8%	43.4%
40-49	3,933	1,850	47.0%	431	20.5%	17.9%	19.7%	41.9%
50-59	4,040	2,053	50.8%	449	17.2%	18.6%	21.0%	43.2%
60+	1,386	666	48.1%	464	12.5%	20.7%	22.5%	44.3%
TOTAL	12,072	5,905	48.9%	444	17.7%	18.8%	20.8%	42.7%

Table 10 – Viral Load Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2011, by Age on 12/31/2011, Reported through 12/31/2012

AGE ON 12/31/2011	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
13-19	38	24	63.2%	37.5%	22,344
20-29	1,015	500	49.3%	44.4%	8,209
30-39	1,660	668	40.2%	58.8%	18,030
40-49	3,933	1,572	40.0%	62.3%	13,590
50-59	4,040	1,653	40.9%	71.3%	15,486
60+	1,386	535	38.6%	77.6%	11,240
TOTAL	12,072	4,952	41.0%	64.6%	13,603

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Age on [date]: Age group of living cases on the specified date.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 400 copies per milliliter.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 400 copies per milliliter or greater.

Section V – Adult/Adolescent Cases by Demographics

Table 11 – Adult/Adolescent HIV Diagnoses during 2011, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Sex at Birth, Race/Ethnicity and Country of Birth, Reported through 12/31/2012

SEX AT BIRTH	Population Age 13+	Adult/Adolescent Reported HIV Diagnoses							
		No.	% of Total	Rate	First CD4 Test Result			% Linked to Care	% Late Diagnosis
					No. with Test	% with Test	Median Count		
Male	241,821	314	74.1%	129.8	229	72.9%	351	69.7%	25.8%
Female	278,947	110	25.9%	39.4	93	84.5%	403	76.4%	28.2%
TOTAL	520,768	424	100.0%	81.4	322	75.9%	362	71.5%	26.4%

RACE/ETHNICITY	Population Age 13+	Adult/Adolescent Reported HIV Diagnoses							
		No.	% of Total	Rate	First CD4 Test Result			% Linked to Care	% Late Diagnosis
					No. with Test	% with Test	Median Count		
Hispanic	20,617	15	3.5%	72.8	15	100.0%	218	93.3%	53.3%
Non-Hispanic	500,151	409	96.5%	81.8	307	75.1%	373	70.7%	25.4%
American Indian/ Alaska Native, only	1,538	1	0.2%	65.0	***	***	***	***	***
Asian, only	13,262	0	0.0%	0.0	--	--	--	--	--
Black, only	321,268	345	84.4%	107.4	248	71.9%	361	69.0%	23.8%
Native Hawaiian/Other Pacific Islander, only	187	0	0.0%	0.0	--	--	--	--	--
White, only	157,009	50	12.2%	31.8	45	90.0%	444	76.0%	34.0%
Multiracial/Other	6,887	13	3.2%	188.8	***	***	***	***	***
TOTAL	520,768	424	100.0%	81.4	322	75.9%	362	71.5%	26.4%

COUNTRY OF BIRTH	Population Age 13+ **	Adult/Adolescent Reported HIV Diagnoses							
		No.	% of Total	Rate	First CD4 Test Result			% Linked to Care	% Late Diagnosis
					No. with Test	% with Test	Median Count		
United States	477,965	388	91.5%	81.2	291	75.0%	362	70.1%	26.5%
Foreign-born	43,768	4	0.9%	9.1	***	***	***	***	***
Africa	--	3	0.7%	--	***	***	***	***	***
Asia	--	0	0.0%	--	--	--	--	--	--
Caribbean	--	0	0.0%	--	--	--	--	--	--
Central America	--	1	0.2%	--	***	***	***	***	***
Other	--	0	0.0%	--	--	--	--	--	--
Unknown	--	32	7.5%	--	***	***	***	***	***
TOTAL	521,733	424	100.0%	81.3	322	75.9%	362	71.5%	26.4%

* Population data by sex at birth, age, and race/ethnicity are from the 2011 U.S. Census

** Population data by country of birth are from the 2011 American Community Survey

*** Data withheld due to low population and/or case counts

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

Population Age 13+: Population age 13 years or older, estimate for 7/1/2011.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Table 12 – Adult/Adolescent AIDS Diagnoses during 2011, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Sex at Birth, Race/Ethnicity and Country of Birth, Reported through 12/31/2012

SEX AT BIRTH	Population Age 13+	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Male	241,821	191	63.0%	79.0	4.6	39.8%
Female	278,947	112	37.0%	40.2	5.4	32.1%
TOTAL	520,768	303	100.0%	58.2	4.9	37.0%

RACE/ETHNICITY	Population Age 13+	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Hispanic	20,617	14	4.6%	67.9	3.5	50.0%
Non-Hispanic	500,151	289	95.4%	57.8	5.0	36.3%
American Indian/ Alaska Native, only	1,538	1	0.3%	65.0	***	***
Asian, only	13,262	0	0.0%	0.0	--	--
Black, only	321,268	252	83.2%	78.4	5.2	33.3%
Native Hawaiian/Other Pacific Islander, only	187	0	0.0%	0.0	--	--
White, only	157,009	24	7.9%	15.3	3.9	62.5%
Multiracial/Other	6,887	12	4.0%	174.2	3.6	41.7%
TOTAL	520,768	303	100.0%	58.2	4.9	37.0%

COUNTRY OF BIRTH	Population Age 13+ ^{**}	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
United States	477,965	287	94.7%	60.0	5.0	35.5%
Foreign-born	43,768	4	1.3%	9.1	***	***
Africa	--	1	0.3%	--	***	***
Asia	--	0	0.0%	--	--	--
Caribbean	--	1	0.3%	--	***	***
Central America	--	2	0.7%	--	***	***
Other	--	0	0.0%	--	--	--
Unknown	--	12	4.0%	--	***	***
TOTAL	521,733	303	100.0%	58.1	4.9	37.0%

* Population data by sex at birth, age, and race/ethnicity are from the 2011 U.S. Census

** Population data by country of birth are from the 2011 American Community Survey

*** Data withheld due to low population and/or case counts

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Population Age 13+: Population age 13 years or older, estimate for 7/1/2011.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Table 13 – Adult/Adolescent Living HIV Cases with and without AIDS by Sex at Birth, Race/Ethnicity, and Country of Birth, Alive on 12/31/2011 and Reported through 12/31/2012

SEX AT BIRTH	Population Age 13+	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
Male	241,821	3,317	62.2%	1,371.7	4,225	62.7%	1,747.2	7,542	62.5%	3,118.8	32
Female	278,947	2,016	37.8%	722.7	2,514	37.3%	901.2	4,530	37.5%	1,624.0	61
Total	520,768	5,333	100.0%	1,024.1	6,739	100.0%	1,294.1	12,072	100.0%	2,318.1	43

RACE/ ETHNICITY	Population Age 13+	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
Hispanic	20,617	91	1.7%	441.4	166	2.5%	805.2	257	2.1%	1,246.5	80
Non-Hispanic	500,151	5,242	98.3%	1,048.1	6,573	97.5%	1,314.2	11,815	97.9%	2,362.3	42
American Indian/ Alaska Native, only	1,538	***	***	***	***	***	***	***	***	***	***
Asian, only	13,262	13	0.2%	98.0	7	0.1%	52.8	20	0.2%	150.8	663
Black, only	321,268	4,506	84.5%	1,402.6	5,684	84.3%	1,769.2	10,190	84.4%	3,171.8	31
Native Hawaiian/ Other Pacific Islander, only	187	***	***	***	***	***	***	***	***	***	***
White, only	157,009	598	11.2%	380.9	645	9.6%	410.8	1,243	10.3%	791.7	126
Multiracial/ Other	6,887	114	2.1%	1,655.3	232	3.4%	3,368.7	346	2.9%	5,024.0	19
TOTAL	520,768	5,333	100.0%	1,024.1	6,739	100.0%	1,294.1	12,072	100.0%	2,318.1	43

COUNTRY OF BIRTH	Population Age 13+	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
United States	477,965	5,160	96.8%	1,079.6	6,572	97.5%	1,375.0	11,732	97.2%	2,454.6	40
Foreign-born	43,768	49	0.9%	112.0	123	1.8%	281.0	172	1.4%	393.0	254
Africa	--	16	0.3%	--	59	0.9%	--	75	0.6%	--	--
Asia	--	5	0.1%	--	6	0.1%	--	11	0.1%	--	--
Caribbean	--	5	0.1%	--	13	0.2%	--	18	0.1%	--	--
Central America	--	9	0.2%	--	28	0.4%	--	37	0.3%	--	--
Other	--	14	0.3%	--	17	0.3%	--	31	0.3%	--	--
Unknown	--	124	2.3%	--	44	0.7%	--	168	1.4%	--	--
TOTAL	521,733	5,333	100.0%	1,022.2	6,739	100.0%	1,291.7	12,072	100.0%	2,313.8	43

* Population data by sex at birth, age, and race/ethnicity are from the 2011 U.S. Census

** Population data by country of birth are from the 2011 American Community Survey

*** Data withheld due to low population and/or case counts

Population Age 13+: Population age 13 years or older, estimate for 7/1/2011.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 14 –Adult/Adolescent Total Living HIV Cases, Recent CD4 Test Results, by Sex at Birth, Race/Ethnicity and Country of Birth, Alive on 12/31/2011 and Reported through 12/31/2012

SEX AT BIRTH	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Male	7,542	3,551	47.1%	427	17.5%	20.4%	22.4%	39.7%
Female	4,530	2,354	52.0%	475	18.0%	16.4%	18.4%	47.2%
TOTAL	12,072	5,905	48.9%	444	17.7%	18.8%	20.8%	42.7%

RACE/ETHNICITY	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Hispanic	257	145	56.4%	373	16.6%	26.9%	17.9%	38.6%
Non-Hispanic	11,815	5,760	48.8%	445	17.7%	18.6%	20.9%	42.8%
American Indian/ Alaska Native, only	***	***	***	***	***	***	***	***
Asian, only	20	8	40.0%	654	0.0%	0.0%	25.0%	75.0%
Black, only	10,190	5,016	49.2%	442	17.8%	18.8%	20.9%	42.4%
Native Hawaiian/Other Pacific Islander, only	***	***	***	***	***	***	***	***
White, only	1,243	482	38.8%	482	13.3%	16.4%	22.0%	48.3%
Multiracial/Other	346	252	72.8%	412	24.2%	19.4%	18.7%	37.7%
TOTAL	12,072	5,905	48.9%	444	17.7%	18.8%	20.8%	42.7%

COUNTRY OF BIRTH	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
United States	11,732	5,744	49.0%	446	17.7%	18.6%	20.7%	42.9%
Foreign-born	172	70	40.7%	364	20.0%	30.0%	18.6%	31.4%
Africa	75	29	38.7%	339	24.1%	27.6%	17.2%	31.0%
Asia	11	2	18.2%	***	***	***	***	***
Caribbean	18	8	44.4%	***	***	***	***	***
Central America	37	19	51.4%	331	21.1%	36.8%	26.3%	15.8%
Other	31	12	38.7%	457	16.7%	25.0%	16.7%	41.7%
Unknown	168	91	54.2%	429	13.2%	23.1%	27.5%	36.3%
TOTAL	12,072	5,905	48.9%	444	17.7%	18.8%	20.8%	42.7%

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Table 15 – Adult/Adolescent Total Living HIV Cases, Recent Viral Load Test Results, by Sex at Birth, Race/Ethnicity and Country of Birth, Alive on 12/31/2011 and Reported through 12/31/2012

SEX AT BIRTH	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Male	7,542	3,007	39.9%	66.9%	13,855
Female	4,530	1,945	42.9%	61.0%	13,403
TOTAL	12,072	4,952	41.0%	64.6%	13,603

RACE/ETHNICITY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Hispanic	257	134	52.1%	64.2%	14,734
Non-Hispanic	11,815	4,818	40.8%	64.6%	13,603
American Indian/ Alaska Native, only	***	***	***	***	***
Asian, only	20	7	35.0%	85.7%	29,045
Black, only	10,190	4,161	40.8%	63.2%	13,069
Native Hawaiian/ Other Pacific Islander, only	***	***	***	***	***
White, only	1,243	442	35.6%	75.1%	19,855
Multiracial/Other	346	206	59.5%	68.9%	25,267
TOTAL	12,072	4,952	41.0%	64.6%	13,603

COUNTRY OF BIRTH	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
United States	11,732	4,806	41.0%	64.6%	13,590
Foreign-born	172	55	32.0%	76.4%	71,311
Africa	75	21	28.0%	76.2%	100,000
Asia	11	2	***	***	***
Caribbean	18	7	***	***	***
Central America	37	14	37.8%	57.1%	93,809
Other	31	11	35.5%	90.9%	506
Unknown	168	91	54.2%	58.2%	12,575
TOTAL	12,072	4,952	41.0%	64.6%	13,603

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

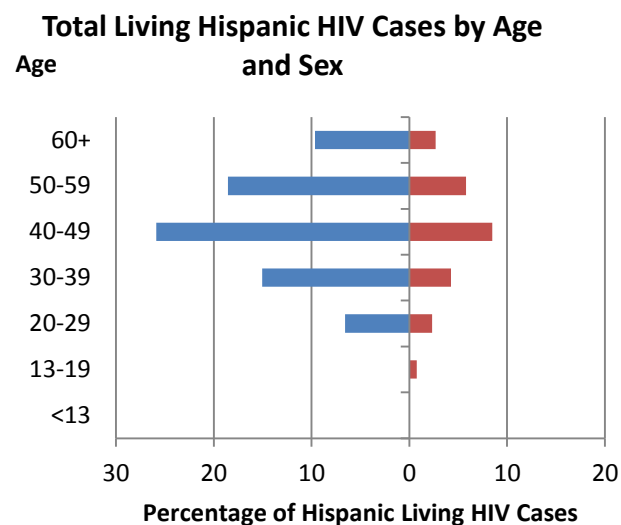
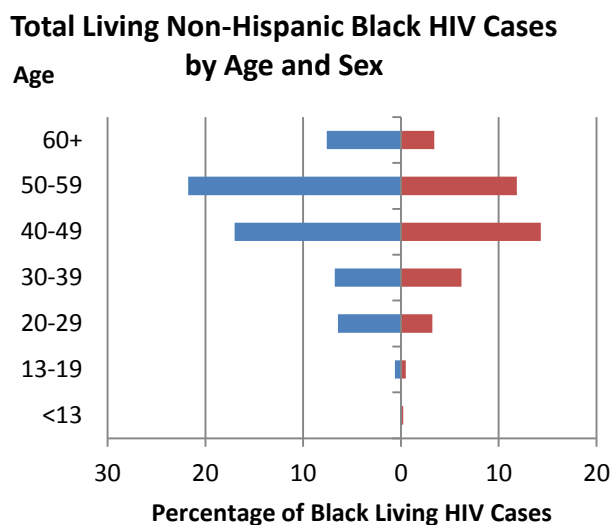
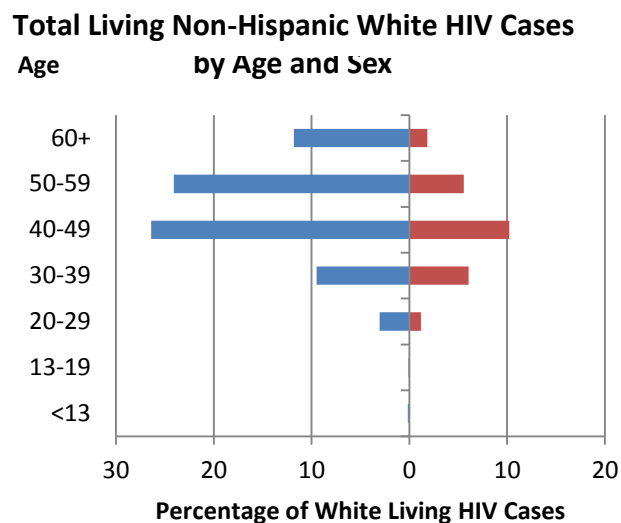
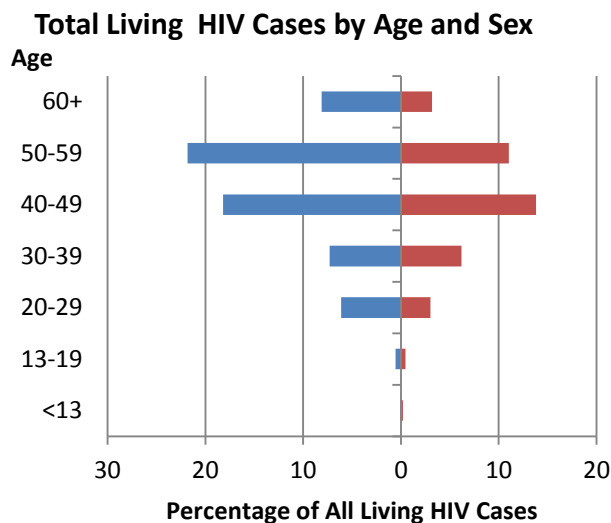
Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 400 copies per milliliter.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 400 copies per milliliter or greater.

Section VI – HIV Cases by Expanded Demographics, Alive on 12/31/2011 and Reported through 12/31/2012

Figure 8 – Population Pyramids of Total Living HIV Cases by Current Age, Sex at Birth, and Race/Ethnicity



Male Female

Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Table 16 – Total Living Male HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2011 and Reported through 12/31/2012

MALES						
AGE ON 12/31/2011		RACE/ETHNICITY				TOTAL MALES BY AGE GROUP
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	3,198	34,520	9,824	2,627	50,170
	Cases	0	11	2	0	13
	Rate	0.0	31.9	20.4	0.0	25.9
	Ratio (1 in X)	0	3,138	4,912	0	3,859
13-19	Population	1,110	19,999	5,015	1,230	27,353
	Cases	0	64	1	1	66
	Rate	0.0	320.0	19.9	81.3	241.3
	Ratio (1 in X)	0	312	5,015	1,230	414
20-29	Population	3,666	28,519	18,242	3,391	53,818
	Cases	17	671	38	24	750
	Rate	463.7	2,352.8	208.3	707.8	1,393.6
	Ratio (1 in X)	215	42	480	141	71
30-39	Population	3,316	20,456	14,247	2,347	40,366
	Cases	39	705	119	35	898
	Rate	1,176.1	3,446.4	835.3	1,491.3	2,224.6
	Ratio (1 in X)	85	29	119	67	44
40-49	Population	1,877	24,293	11,017	1,297	38,484
	Cases	67	1,770	331	68	2,236
	Rate	3,569.5	7,286.0	3,004.4	5,242.9	5,810.2
	Ratio (1 in X)	28	13	33	19	17
50-59	Population	905	24,628	11,690	1,029	38,252
	Cases	***	2,261	302	***	2,683
	Rate	***	9,180.6	2,583.4	***	7,014.0
	Ratio (1 in X)	***	10	38	***	14
60+	Population	696	25,528	16,292	1,031	43,547
	Cases	***	790	148	***	996
	Rate	***	3,094.6	908.4	***	2,287.2
	Ratio (1 in X)	***	32	110	***	43
TOTAL MALES BY RACE/ ETHNICITY	Population	14,768	177,943	86,327	12,952	291,990
	Cases	196	6,272	941	233	7,642
	Rate	1,327.2	3,524.7	1,090.0	1,798.9	2,617.2
	Ratio (1 in X)	75	28	91	55	38

*** Data withheld due to low population counts and/or case counts

Age on [date]: Age group of living cases on the specified date.

Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Population: Population estimate for 7/1/2011.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 17 – Total Living Female HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2011 and Reported through 12/31/2012

FEMALES						
AGE ON 12/31/2011		RACE/ETHNICITY				TOTAL FEMALES BY AGE GROUP
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic, Other Race	
<13 (Pediatric)	Population	3,024	33,599	9,222	2,711	48,556
	Cases	0	25	0	1	26
	Rate	0.0	74.4	0.0	36.9	53.5
	Ratio (1 in X)	0	1,343	0	2,711	1,867
13-19	Population	1,035	19,974	5,153	1,304	27,466
	Cases	2	52	1	1	56
	Rate	193.2	260.3	19.4	76.7	203.9
	Ratio (1 in X)	517	384	5,153	1,304	490
20-29	Population	2,922	33,218	20,372	3,832	60,344
	Cases	6	333	15	15	369
	Rate	205.3	1,002.5	73.6	391.4	611.5
	Ratio (1 in X)	487	99	1,358	255	163
30-39	Population	2,443	25,048	13,548	2,511	43,550
	Cases	11	643	76	33	763
	Rate	450.3	2,567.1	561.0	1,314.2	1,752.0
	Ratio (1 in X)	222	38	178	76	57
40-49	Population	1,231	28,733	9,863	1,373	41,200
	Cases	22	1,489	128	58	1,697
	Rate	1,787.2	5,182.2	1,297.8	4,224.3	4,118.9
	Ratio (1 in X)	55	19	77	23	24
50-59	Population	750	30,994	11,208	1,101	44,053
	Cases	***	1,231	70	***	1,357
	Rate	***	3,971.7	624.6	***	3,080.4
	Ratio (1 in X)	***	25	160	***	32
60+	Population	665	39,878	20,362	1,429	62,334
	Cases	***	354	23	***	390
	Rate	***	887.7	113.0	***	625.7
	Ratio (1 in X)	***	112	885	***	
TOTAL FEMALES BY RACE/ ETHNICITY	Population	12,070	211,444	89,728	14,261	327,503
	Cases	63	4,127	313	155	4,658
	Rate	522.0	1,951.8	348.8	1,086.9	1,422.3
	Ratio (1 in X)	191	51	286	92	70

*** Data withheld due to low population counts and/or case counts

Age on [date]: Age group of living cases on the specified date.

Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Population: Population estimate for 7/1/2011.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Section VII – HIV Exposure Category

Table 18 – Adult/Adolescent HIV Diagnoses during 2011, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Exposure Category and Sex at Birth, Reported through 12/31/2012

EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses					
	No.	% of Total with Exposure	First CD4 Test Result		% Linked to Care	% Late Diagnosis
			% with Test	Median Count		
With Exposure	177	100.0%	90.4%	361	81.9%	29.4%
Men who have Sex with Men (MSM)	92	52.0%	92.4%	351	82.6%	27.2%
Injection Drug Users (IDU)	21	11.9%	66.7%	315	66.7%	28.6%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	2	1.1%	***	***	***	***
Heterosexual Exposure (HET)	61	34.5%	95.1%	415	85.2%	31.1%
Other Exposures	1	0.6%	***	***	***	***
No Reported Exposure	247		65.6%	375	64.0%	24.3%
TOTAL	424		75.9%	362	71.5%	26.4%

MALES EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses					
	No.	% of Total with Exposure	First CD4 Test Result		% Linked to Care	% Late Diagnosis
			% with Test	Median Count		
With Exposure	135	100.0%	90.4%	347	80.7%	31.1%
Men who have Sex with Men (MSM)	92	68.1%	92.4%	351	82.6%	27.2%
Injection Drug Users (IDU)	13	9.6%	69.2%	272	69.2%	30.8%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	2	1.5%	***	***	***	***
Heterosexual Exposure (HET)	28	20.7%	92.9%	335	78.6%	39.3%
Other Exposures	0	0.0%	0.0%	--	0.0%	0.0%
No Reported Exposure	179		59.8%	377	61.5%	21.8%
TOTAL	314		72.9%	351	69.7%	25.8%

FEMALES EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses					
	No.	% of Total with Exposure	First CD4 Test Result		% Linked to Care	% Late Diagnosis
			% with Test	Median Count		
With Exposure	42	100.0%	90.5%	428	85.7%	23.8%
Injection Drug Users (IDU)	8	19.0%	62.5%	359	62.5%	25.0%
Heterosexual Exposure (HET)	33	78.6%	97.0%	436	90.9%	24.2%
Other Exposures	1	2.4%	***	***	***	***
No Reported Exposure	68		80.9%	360	70.6%	30.9%
TOTAL	110		84.5%	403	76.4%	28.2%

*** Data withheld due to low population and/or case counts

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Table 19 – Adult/Adolescent AIDS Diagnoses during 2011, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Exposure Category and Sex at Birth, Reported through 12/31/2012

EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	208	100.0%	6.3	25.0%
Men who have Sex with Men (MSM)	62	29.8%	4.2	40.3%
Injection Drug Users (IDU)	76	36.5%	8.5	7.9%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	11	5.3%	5.5	27.3%
Heterosexual Exposure (HET)	58	27.9%	5.8	31.0%
Other Exposures	1	0.5%	4.0	0.0%
No Reported Exposure	95		1.9	63.2%
TOTAL	303		4.9	37.0%

MALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	133	100.0%	5.7	30.8%
Men who have Sex with Men (MSM)	62	46.6%	4.2	40.3%
Injection Drug Users (IDU)	39	29.3%	8.3	10.3%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	11	8.3%	5.5	27.3%
Heterosexual Exposure (HET)	20	15.0%	5.3	45.0%
Other Exposures	1	0.8%	4.0	0.0%
No Reported Exposure	58		2.2	60.3%
TOTAL	191		4.6	39.8%

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	75	100.0%	7.4	14.7%
Injection Drug Users (IDU)	37	49.3%	8.7	5.4%
Heterosexual Exposure (HET)	38	50.7%	6.1	23.7%
Other Exposures	0	0.0%	--	--
No Reported Exposure	37		1.4	67.6%
TOTAL	112		5.4	32.1%

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Table 20 – Adult/Adolescent Living HIV Cases with and without AIDS by Exposure Category and Sex at Birth, Alive on 12/31/2011 and Reported through 12/31/2012

EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Total Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	3,664	100.0%	6,067	100.0%	9,731	100.0%
Men who have Sex with Men (MSM)	1,039	28.4%	1,281	21.1%	2,320	23.8%
Injection Drug Users (IDU)	1,341	36.6%	2,818	46.4%	4,159	42.7%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	129	3.5%	271	4.5%	400	4.1%
Heterosexual Exposure (HET)	1,145	31.3%	1,684	27.8%	2,829	29.1%
Other Exposures	10	0.3%	13	0.2%	23	0.2%
No Reported Exposure*	1,669		672		2,341	
TOTAL	5,333		6,739		12,072	

MALES EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Total Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	2,346	100.0%	3,840	100.0%	6,186	100.0%
Men who have Sex with Men (MSM)	1,039	44.3%	1,281	33.4%	2,320	37.5%
Injection Drug Users (IDU)	812	34.6%	1,698	44.2%	2,510	40.6%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	129	5.5%	271	7.1%	400	6.5%
Heterosexual Exposure (HET)	360	15.3%	585	15.2%	945	15.3%
Other Exposures	6	0.3%	5	0.1%	11	0.2%
No Reported Exposure	971		385		1,356	
TOTAL	3,317		4,225		7,542	

FEMALES EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Total Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	1,318	100.0%	2,227	100.0%	3,545	100.0%
Injection Drug Users (IDU)	529	40.1%	1,120	50.3%	1,649	46.5%
Heterosexual Exposure (HET)	785	59.6%	1,099	49.3%	1,884	53.1%
Other Exposures	4	0.3%	8	0.4%	12	0.3%
No Reported Exposure*	698		287		985	
TOTAL	2,016		2,514		4,530	

* Includes 13 HIV cases without AIDS and 10 HIV cases with AIDS with Presumed Female Heterosexual exposure

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Table 21 – Adult/Adolescent Total Living HIV Cases by Exposure Category, Race/Ethnicity, and Sex at Birth, Alive on 12/31/2011 and Reported through 12/31/2012

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	209	100.0%	8,162	100.0%	1,033	100.0%
Men who have Sex with Men (MSM)	66	31.6%	1,624	19.9%	537	52.0%
Injection Drug Users (IDU)	59	28.2%	3,675	45.0%	295	28.6%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	9	4.3%	336	4.1%	39	3.8%
Heterosexual Exposure (HET)	75	35.9%	2,508	30.7%	158	15.3%
Other Exposures	0	0.0%	19	0.2%	4	0.4%
No Reported Exposure*	48		2,028		210	
TOTAL	257		10,190		1,243	

MALES EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	164	100.0%	5,040	100.0%	784	100.0%
Men who have Sex with Men (MSM)	66	40.2%	1,624	32.2%	537	68.5%
Injection Drug Users (IDU)	45	27.4%	2,263	44.9%	145	18.5%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	9	5.5%	336	6.7%	39	5.0%
Heterosexual Exposure (HET)	44	26.8%	809	16.1%	60	7.7%
Other Exposures	0	0.0%	8	0.2%	3	0.4%
No Reported Exposure	32		1,142		150	
TOTAL	196		6,182		934	

FEMALES EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	45	100.0%	3,122	100.0%	249	100.0%
Injection Drug Users (IDU)	14	31.1%	1,412	45.2%	150	60.2%
Heterosexual Exposure (HET)	31	68.9%	1,699	54.4%	98	39.4%
Other Exposures	0	0.0%	11	0.4%	1	0.4%
No Reported Exposure*	16		886		60	
TOTAL	61		4,008		309	

* 21 non-Hispanic black cases, and 1 non-Hispanic white case with Presumed Female Heterosexual exposure

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Table 22 – Adult/Adolescent Total Living HIV Cases, Recent CD4 Test Results by Exposure Category, Alive on 12/31/2011 and Reported through 12/31/2012

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
With Exposure	9,731	4,996	51.3%	445	17.9%	18.8%	21.0%	42.4%
Men who have Sex with Men (MSM)	2,320	1,077	46.4%	469	13.5%	17.8%	23.3%	45.4%
Injection Drug Users (IDU)	4,159	2,227	53.5%	410	20.7%	20.9%	20.4%	37.9%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	400	199	49.8%	376	20.6%	24.6%	17.6%	37.2%
Heterosexual Exposure (HET)	2,829	1,477	52.2%	482	16.2%	15.4%	20.5%	47.9%
Other Exposures	23	16	69.6%	361	31.3%	18.8%	18.8%	31.3%
No Reported Exposure*	2,341	909	38.8%	443	16.8%	19.0%	20.0%	44.1%
TOTAL	12,072	5,905	48.9%	444	17.7%	18.8%	20.8%	42.7%

* Includes 23 cases with Presumed Female Heterosexual exposure

Table 23 – Adult/Adolescent Total Living HIV Cases, Recent Viral Load Test Results by Exposure Category, Alive on 12/31/2011 and Reported through 12/31/2012

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
With Exposure	9,731	4,163	42.8%	65.8%	13,615
Men who have Sex with Men (MSM)	2,320	959	41.3%	68.1%	10,984
Injection Drug Users (IDU)	4,159	1,755	42.2%	63.7%	15,060
Men who have Sex with Men and Inject Drugs (MSM/IDU)	400	182	45.5%	67.6%	13,202
Heterosexual Exposure (HET)	2,829	1,251	44.2%	66.7%	13,619
Other Exposures	23	16	69.6%	62.5%	56,073
No Reported Exposure*	2,341	789	33.7%	58.3%	13,449
TOTAL	12,072	4,952	41.0%	64.6%	13,603

* Includes 23 cases with Presumed Female Heterosexual exposure

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

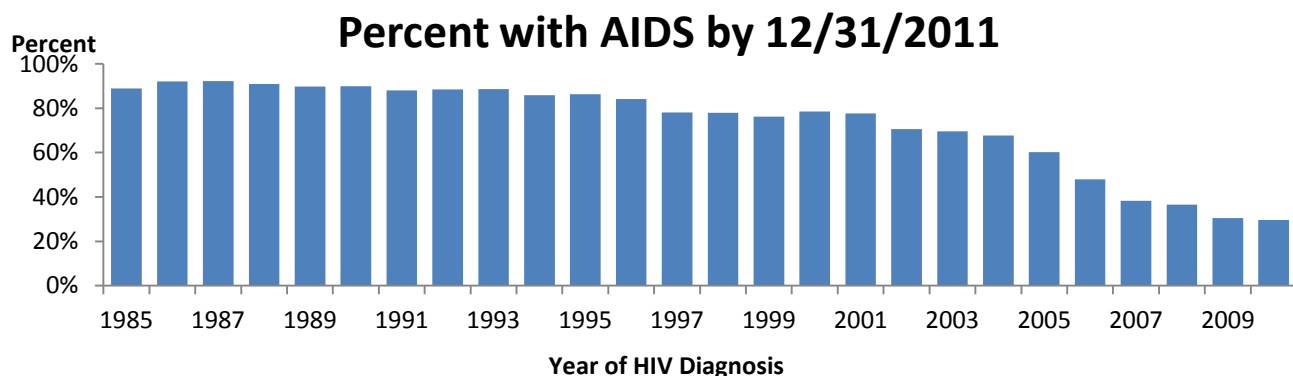
Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 400 copies per milliliter.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 400 copies per milliliter or greater.

Section VIII – Disease Progression and Mortality

Figure 9 – Trends in Disease Progression by Year of HIV Diagnosis, 1985-2010

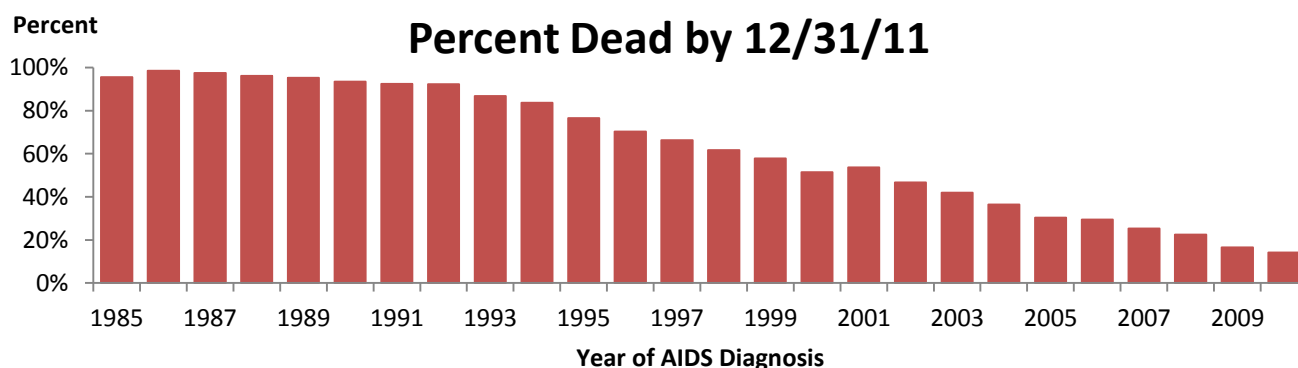
Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis by 12/31/10 (Adult/Adolescent Reported HIV Diagnoses), Number of Adult/Adolescent Reported HIV Cases with an AIDS Diagnosis by 12/31/2012 (Reported AIDS Diagnoses), Percent by Year of HIV Diagnosis of Adult/Adolescent Reported HIV Diagnoses with a Reported AIDS Diagnosis by 12/31/2012, the Average Years from HIV Diagnosis to AIDS Diagnosis for Cases with an AIDS Diagnosis, and the Percent by Year of HIV Diagnosis of Reported Adult/Adolescent HIV Diagnoses with a Reported AIDS Diagnosis at 1 Year, 2 Years, 5 Years, and 10 Years after HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2010, as Reported by Name through 12/31/2011



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses							
	No.	Reported AIDS Diagnoses			Percent with AIDS by Years After HIV Diagnosis			
		No.	% with AIDS	Mean Years from HIV to AIDS	1 Year	2 Years	5 Years	10 Years
<1985	149	144	96.6%	6.8	35.6%	35.6%	38.9%	69.1%
1985	309	275	89.0%	6.7	23.0%	24.6%	31.7%	73.5%
1986	433	399	92.1%	5.5	32.6%	33.5%	45.3%	78.1%
1987	570	526	92.3%	4.5	33.7%	36.8%	55.4%	83.0%
1988	878	798	90.9%	3.6	37.9%	41.6%	64.2%	85.6%
1989	1,149	1,032	89.8%	3.5	36.8%	42.4%	67.4%	82.8%
1990	1,193	1,072	89.9%	2.9	43.9%	50.5%	72.4%	84.4%
1991	1,352	1,191	88.1%	2.5	45.7%	55.6%	73.1%	83.2%
1992	1,336	1,183	88.5%	2.3	50.4%	58.6%	75.1%	83.6%
1993	1,251	1,108	88.6%	2.0	54.2%	62.6%	76.8%	84.7%
1994	1,139	978	85.9%	2.1	53.6%	61.2%	73.9%	81.5%
1995	1,073	926	86.3%	2.0	58.1%	63.4%	72.9%	82.1%
1996	980	824	84.1%	1.9	57.6%	62.6%	70.7%	80.1%
1997	1,032	806	78.1%	1.7	55.2%	60.4%	68.3%	74.6%
1998	992	773	77.9%	1.8	54.7%	58.6%	66.5%	74.3%
1999	904	690	76.3%	1.3	56.4%	61.2%	68.6%	74.9%
2000	840	660	78.6%	1.3	57.0%	61.5%	70.7%	77.3%
2001	931	723	77.7%	1.2	59.6%	62.6%	71.2%	76.6%
2002	1,038	733	70.6%	1.2	54.3%	57.5%	64.3%	--
2003	917	638	69.6%	1.1	53.9%	57.1%	62.9%	--
2004	937	634	67.7%	1.0	51.9%	55.8%	62.2%	--
2005	990	596	60.2%	1.0	46.4%	49.3%	56.2%	--
2006	978	469	48.0%	1.0	35.3%	37.6%	45.6%	--
2007	898	344	38.3%	1.0	27.1%	29.7%	--	--
2008	830	304	36.6%	0.9	25.9%	30.4%	--	--
2009	619	189	30.5%	0.6	23.9%	26.7%	--	--
2010	597	177	29.6%	0.3	27.0%	--	--	--
TOTAL	24,315	18,192	74.8%	2.2	46.4%	51.3%	62.6%	71.5%

Figure 10 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2010

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with an AIDS Diagnosis by 12/31/10 (Adult/Adolescent Reported AIDS Diagnoses), Number of Adult/Adolescent Reported AIDS Diagnosis Reported to Have Died of Any Cause by 12/31/2012 (Reported AIDS Deaths), Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses with a Reported AIDS Death (Percent Dead) by 12/31/2012, the Average Years from AIDS Diagnosis to Death for Cases that have Died, and the Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses Not Reported to Have Died (Percent Alive) at 1 Year, 2 Years, 5 Years, and 10 Years after AIDS Diagnosis, by Year of AIDS Diagnosis from 1985 through 2010, as Reported by Name through 12/31/2012

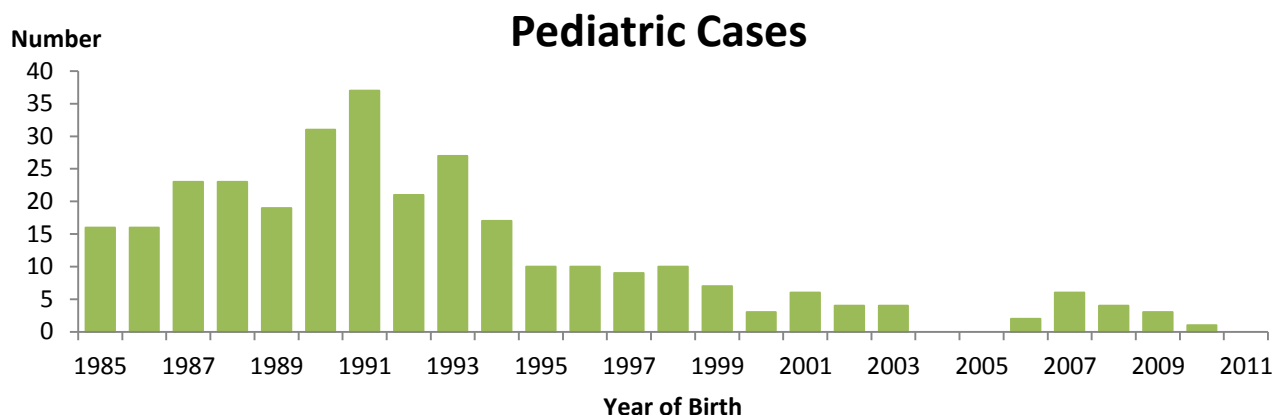


YEAR OF AIDS DIAGNOSIS	Adult/Adolescent Reported AIDS Diagnoses							
	No.	Reported AIDS Deaths			Percent Alive by Years After AIDS Diagnosis			
		No.	% Dead	Mean Years from AIDS to Death	1 Year	2 Years	5 Years	10 Years
<1985	56	53	94.6%	2.6	51.8%	32.1%	19.6%	14.3%
1985	68	65	95.6%	1.8	44.1%	29.4%	10.3%	7.4%
1986	130	128	98.5%	2.5	48.5%	30.0%	14.6%	10.0%
1987	196	191	97.4%	2.0	60.2%	33.7%	11.2%	4.6%
1988	336	323	96.1%	2.1	60.1%	39.0%	13.1%	6.3%
1989	435	414	95.2%	2.3	60.2%	38.2%	15.9%	8.0%
1990	635	593	93.4%	2.7	64.7%	45.8%	20.8%	12.3%
1991	781	722	92.4%	2.5	67.2%	46.0%	18.1%	11.9%
1992	1,091	1,006	92.2%	2.8	68.9%	49.0%	20.9%	14.4%
1993	1,252	1,086	86.7%	3.5	77.5%	56.2%	33.3%	20.8%
1994	1,142	955	83.6%	3.5	76.6%	57.7%	37.0%	22.9%
1995	1,120	857	76.5%	4.1	78.2%	65.5%	47.4%	32.8%
1996	1,070	752	70.3%	4.4	81.6%	74.2%	56.4%	39.5%
1997	937	621	66.3%	4.5	84.8%	76.1%	59.4%	42.5%
1998	843	520	61.7%	4.4	87.1%	79.7%	62.2%	44.8%
1999	812	469	57.8%	3.9	86.0%	78.7%	61.5%	46.9%
2000	714	368	51.5%	3.6	85.0%	79.3%	64.3%	50.7%
2001	811	435	53.6%	3.3	84.7%	76.3%	60.7%	47.5%
2002	796	372	46.7%	3.3	86.6%	79.4%	66.8%	--
2003	733	308	42.0%	2.5	83.2%	77.6%	65.6%	--
2004	736	269	36.5%	2.4	85.9%	80.3%	70.0%	--
2005	704	214	30.4%	2.2	88.5%	83.7%	73.9%	--
2006	583	172	29.5%	1.9	87.7%	82.2%	72.4%	--
2007	442	112	25.3%	1.7	88.2%	84.6%	--	--
2008	423	95	22.5%	1.3	88.4%	83.5%	--	--
2009	328	54	16.5%	0.9	89.9%	86.0%	--	--
2010	395	56	14.2%	0.7	89.6%	--	--	--
TOTAL	17,569	11,210	63.8%	3.2	79.6%	67.9%	50.8%	40.6%

Section IX – Pediatric Cases

Figure 11 – Trends in Pediatric HIV Cases, 1985-2011

Number of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis (Pediatric Reported HIV Diagnoses) by Year of Birth, by Year of HIV Diagnosis, by Year of AIDS Diagnosis, and by Year of Death Due to Any Cause, and Number of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year (Pediatric Total Living HIV Cases) from 1985 through 2011, as Reported by Name through 12/31/2012



YEAR	Pediatric Reported HIV Diagnoses				Pediatric Total Living HIV Cases
	No. by Year of Birth	No. by Year of HIV Diagnosis	No. by Year of AIDS Diagnosis	No. by Year of Death	No. Alive on 12/31 of Each Year
<1985	15	1	0	0	--
1985	16	6	4	1	9
1986	16	6	5	3	12
1987	23	12	7	5	21
1988	23	16	11	2	35
1989	19	21	14	3	54
1990	31	28	15	3	79
1991	37	27	20	8	100
1992	21	33	20	9	126
1993	27	36	22	10	151
1994	17	21	16	10	161
1995	10	15	12	9	167
1996	10	14	7	12	170
1997	9	6	3	4	171
1998	10	16	6	3	185
1999	7	14	5	3	196
2000	3	6	2	0	202
2001	6	7	7	3	205
2002	4	2	3	2	205
2003	4	2	0	2	206
2004	0	2	1	3	206
2005	0	0	1	0	206
2006	2	2	2	1	206
2007	6	19	4	4	221
2008	4	6	5	3	225
2009	3	3	1	0	228
2010	1	1	4	3	226
2011	0	2	2	1	228
TOTAL	324	324	199	107	--

Table 24 – Pediatric HIV Diagnoses during 2011 and Pediatric Total Living HIV Cases by Jurisdiction, Alive on 12/31/2011 and Reported through 12/31/2012

ZIP CODE AT DIAGNOSIS	Pediatric Reported HIV Diagnoses		Pediatric Total Living HIV Cases	
	No.	% of Total	No.	% of Total
21201	0	0.0%	8	3.5%
21202	0	0.0%	10	4.4%
21205	0	0.0%	11	4.8%
21206	0	0.0%	10	4.4%
21207	0	0.0%	5	2.2%
21209	0	0.0%	1	0.4%
21211	0	0.0%	2	0.9%
21212	0	0.0%	2	0.9%
21213	1	50.0%	25	11.0%
21214	0	0.0%	6	2.6%
21215	0	0.0%	27	11.8%
21216	0	0.0%	11	4.8%
21217	1	50.0%	29	12.7%
21218	0	0.0%	23	10.1%
21223	0	0.0%	20	8.8%
21224	0	0.0%	9	3.9%
21225	0	0.0%	7	3.1%
21229	0	0.0%	6	2.6%
21230	0	0.0%	2	0.9%
21231	0	0.0%	4	1.8%
21234	0	0.0%	1	0.4%
21239	0	0.0%	9	3.9%
Total	2	100.0%	228	100.0%

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

Pediatric Reported HIV Diagnoses: Reported HIV diagnoses, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, with initial HIV diagnosis during the specified year.

Pediatric Total Living HIV Cases: Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Table 25 – Pediatric HIV Diagnosis during 2011 and Pediatric Total Living HIV Cases by Sex at Birth and Race/Ethnicity, Alive on 12/31/2011 and Reported through 12/31/2012

SEX AT BIRTH	Pediatric Reported HIV Diagnoses		Pediatric Total Living HIV Cases	
	No.	% of Total	No.	% of Total
Male	1	50.0%	100	43.9%
Female	1	50.0%	128	56.1%
TOTAL	2	100.0%	228	100.0%

RACE/ETHNICITY	Pediatric Reported HIV Diagnoses		Pediatric Total Living HIV Cases	
	No.	% of Total	No.	% of Total
Hispanic	0	0.0%	2	0.9%
Non-Hispanic	2	100.0%	226	99.1%
American Indian/ Alaska Native, only	0	0.0%	0	0.0%
Asian, only	0	0.0%	0	0.0%
Black, only	2	100.0%	209	91.7%
Native Hawaiian/Other Pacific Islander, only	0	0.0%	0	0.0%
White, only	0	0.0%	11	4.8%
Multiracial/Other	0	0.0%	6	2.6%
TOTAL	2	100.0%	228	100.0%

Pediatric Reported HIV Diagnoses: Reported HIV diagnoses, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, with initial HIV diagnosis during the specified year.

Pediatric Total Living HIV Cases: Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.